OPERATING PERMIT

CHEMICAL WASTE MANAGEMENT, INC.
CARLYSS, LOUISIANA
LAD 000 777 201

EPA COPY

SIGNATURE PAGE

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

OPERATING PERMIT

HAZARDOUS WASTE STORAGE FACILITY

PERMITTEE: CHEMICAL WASTE MANAGEMENT, INCORPORATED

PERMIT NUMBER: LAD000777201-OP-1

FACILITY LOCATION: 7170 John Brannon Road
Carlyss, Louisiana 70663

This permit is issued to Chemical Waste Management, Incorporated (hereinafter called the permittee) by the Louisiana Department of Environmental Quality (LDEQ) and the United States Environmental Protection Agency (USEPA) under the authority of the Louisiana Hazardous Waste Control Law R.S. 30:2171 et seq., and the regulations adopted thereunder and under the authority of the 1984 Hazardous and Solid Waste Amendments (HSWA) to the Resource Conservation and Recovery Act (RCRA) to operate a hazardous waste Treatment, Storage, and Disposal Facility located at Carlyss, Louisiana, at latitude 30 degrees, 07 minutes, 010 seconds and longitude 93 degrees, 24 minutes, 010 seconds.

For the purposes of this permit, the "administrative authority" shall be the Secretary of the Louisiana Department of Environmental Quality (LDEQ), or his/her designee, or, in the case of Condition XII.A1 and XII.B.1, for which the state is not authorized, the United States Environmental Protection Agency (USEPA) shall be the administrative authority. Upon authorization by the USEPA to administer these conditions, the LDEQ will become the administrative authority.

The permittee must comply with all terms and conditions of this permit. This permit consists of the conditions contained herein and the applicable regulations as specified in the permit. Applicable regulations are those which are in effect on the effective date of issuance of this permit.

This permit is based on the assumption that the information provided to the LDEQ by the permittee is accurate. Further, this permit is based in part on the provision of Sections 206, 212, and 224 of the Hazardous and Solid Waste Amendments of 1984, which modify Sections 3004 and 3005 of RCRA. In particular, Section 206 requires corrective action for all releases of hazardous waste or hazardous constituents from any solid waste management unit at a treatment, storage or disposal facility seeking a permit, regardless of the time at which the waste was placed in such unit. Section 212 provides authority to review and modify the permit at any time. Any inaccuracies found in the submitted information may be grounds for the termination, modification or revocation and reissuance of this permit (see LAC 33:V.323) and potential enforcement action. The permittee must inform the LDEQ and the USEPA of any deviation

from, or changes in, the information in the application which would affect the permittee's ability to comply with the applicable regulations or permit conditions.

This permit shall be effective as of May 30, 1996, and shall remain in effect until May 30, 2006, unless revoked and reissued, modified or terminated in accordance with the Louisiana Administrative Code (LAC 33:V. 705). The administrative authority may issue any permit for a duration that is less than the maximum term of ten years and the term shall not be extended beyond the maximum duration by modification in accordance with LAC 33:V.315 and 40 CFR 270.50 (b).

J. Dale Givens

4/26/96

J. Dale Givens, Secretary
Louisiana Department of
Environmental Quality

Date

PART A
APPLICATION

Form Approved. OMB No. 2050-0034 Expires 12-31-91
GSA No. 0246-EPA-OT

For EPA Regional Use Only	EPA	For State Use Only
	United States Environmental Protection Agency Washington, DC 20460 **Hazardous Waste Permit Application Part A** *(Read the instructions before starting)*	
Date Received Month Day Year		

I. ID Number(s)

A. EPA ID Number	B. Secondary ID Number (if applicable)
LAD000772012	

II. Name of Facility

CHEMICAL WASTE MGMT, INC.

III. Facility Location *(Physical address not P.O. Box or Route Number)*

A. Street

7170 JOHN BRANNON ROAD

Street *(continued)*

City or Town	State	ZIP Code
CARLYSS	LA	70663-

County code (if known)	County Name
019	CALCASIEU

B. Land Type (enter code)	C. Geographic Location		D. Facility Existence Date
	LATITUDE (degrees, minutes & seconds)	LONGITUDE (degrees, minutes & seconds)	Month Day Year
P	30 07 01	093 24 01 2	01 01 1980

IV. Facility Mailing Address

Street or P.O. Box

7170 JOHN BRANNON ROAD

City or Town	State	ZIP Code
SULPHUR	LA	70663-

V. Facility Contact *(Person to be contacted regarding waste activities at facility)*

Name *(last)*	*(first)*
GRANT	CHARLES W.

Job Title	Phone Number *(area code and number)*
ENVIR. MGR.	318-583-2169

VI. Facility Contact Address *(see instructions)*

A. Contact Address Location	A. Contact Address Mailing	B. Street or P.O. Box
X		

City or Town	State	ZIP Code
		-

Form Approved. OMB No. 2050-0034 Expires 12-31-91
OSA No. 0246-EPA-OT

EPA I.D. Number *(enter from page 1)*	Secondary I.D. Number *(enter from page 1)*
L A D 0 0 0 7 7 7 2 0 1	

VII. Operator Information *(see instructions)*

Name of Operator			
C H E M I C A L W A S T E M G M T , I N C .			
Street or P.O. Box			
3 0 0 1 B U T T E R F I E L D R O A D			
City or Town	**State**	**ZIP Code**	
O A K B R O O K	I L	6 0 5 2 1 -	

Phone Number *(area code and number)*	B. Operator Type	C. Change of Operator Indicator	Date Changed Month Day Year
7 0 8 - 2 1 8 - 1 5 0 0	P	Yes ☐ No X	

VIII. Facility Owner *(see instructions)*

A. Name of Facility's Legal Owner			
C H E M I C A L W A S T E M G M T , I N C .			
Street or P.O. Box			
3 0 0 1 B U T T E R F I E L D R O A D			
City or Town	**State**	**ZIP Code**	
O A K B R O O K	I L	6 0 5 2 1 -	

Phone Number *(area code and number)*	B. Operator Type	C. Change of Operator Indicator	Date Changed Month Day Year
7 0 8 - 2 1 8 - 1 5 0 0	P	Yes ☐ No X	

IX. SIC Codes *(4-digit, in order of significance)*

Primary	Secondary
4 9 5 3 *(description)*	*(description)*
Primary	**Secondary**
(description)	*(description)*

X. Other Environmental Permits *(see instructions)*

A. Permit Type *(enter code)*	B. Permit Number	C. Description
N	L A 0 0 5 4 8 2 8	
N	L A 0 0 5 4 8 2 8	
P	0 5 2 0 - 0 0 0 8 1 - 0 3	
E	L A D 0 0 0 7 7 7 2 0 1	

Form Approved. OMB No. 2050-0034 Expires 12-31-91
GSA No. 0249-EPA-OT

EPA I.D. Number *(enter from page 1)*												Secondary I.D. Number *(enter from page 1)*											
L	A	D	0	0	0	7	7	7	2	0	1												

XI. Nature of Business *(provide a brief description)*

The Lake Charles Facility occupies approximately 280 acres located approximately nine miles south of Sulphur, Louisiana. The facility is involved in the storage, treatment and disposal of hazardous waste.

XII. Process - Codes and Design Capacities

A. PROCESS CODE - *Enter the code from the list of process codes below that best describes each process to be used at the facility. Twelve lines are provided for entering codes. If more lines are needed, attach a separate sheet of paper with the additional information. If a process will be used that is not included in the list of codes below, then describe the process (including its design capacity) in the space provided in Item XII.*

B. PROCESS DESIGN CAPACITY - *For each code entered in Column A, enter the capacity of the process.*

1. AMOUNT - *Enter the amount. In a case where capacity is not applicable (such as in a closure/post-closure or enforcement action) enter the total amount of waste for that process unit.*

2. UNIT OF MEASURE - *For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.*

C. PROCESS TOTAL NUMBER OF UNITS - *Enter the total number of units used with the corresponding process code.*

PROCESS CODE	PROCESS	APPROXIMATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
	DISPOSAL:	
D79	Injection Well	Gallons; Liters; Gallons Per Day; or Liters Per Day
D80	Landfill	Acre-Feet or Hectare-Meter
D81	Land Application	Acres or Hectares
D82	Ocean Disposal	Gallons Per Day or Liters Per Day
D83	Surface Impoundment	Gallons or Liters
	STORAGE:	
S01	Container (barrel, drum, etc.)	Gallons or Liters
S02	Tank	Gallons or Liters
S03	Waste Pile	Cubic Yards or Cubic Meters
S04	Surface Impoundment	Gallons or Liters
	TREATMENT:	
T01	Tank	Gallons Per Day or Liters Per Day
T02	Surface Impoundment	Gallons Per Day or Liters Per Day
T03	Incinerator	Short Tons Per Hour; Metric Tons Per Hour; Gallons Per Hour; Liters Per Hour; or BTU's Per Hour
T04	Other Treatment *(Use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundment or incinerators. Describe the processes in the space provided in Item XII.)*	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; or Short Tons Per Day

UNIT OF MEASURE	UNIT OF MEASURE CODE
Gallons	G
Gallons Per Hour	E
Gallons Per Day	U
Liters	L
Liters Per Hour	H
Liters Per Day	V
Short Tons Per Hour	D
Metric Tons Per Hour	W
Short Tons Per Day	N
Metric Tons Per Day	S
Pounds Per Hour	J
Kilograms Per Hour	R
Cubic Yards	Y
Cubic Meters	C
Acres	B
Acre-Feet	A
Hectares	Q
Hectare-Meter	F
BTU's Per Hour	K

EPA I.D. Number *(enter from page 1)*: L A D 0 0 0 7 7 7 2 0 1

Secondary I.D. Number *(enter from page 1)*:

XII. Process - Codes and Design Capacities *(continued)*

EXAMPLES FOR COMPLETING ITEM XII (shown in the numbers X-1 and X-2 below): A facility has two storage tanks, one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.

Line Number	A. PROCESS CODE (from list above)	B. PROCESS DESIGN CAPACITY 1. AMOUNT *(specify)*	B. PROCESS DESIGN CAPACITY 2. UNIT OF MEASURE *(enter code)*	C. PROCESS TOTAL NUMBER OF UNITS	FOR OFFICIAL USE ONLY
X 1	S 0 2	600	G	0 0 2	
X 2	T 0 3	20	E	0 0 1	
1	S 0 1	1,739,108	G	0 0 5	
2	S 0 2	5,861,165	G	0 1 3	
3	T 0 1	953,200	U	0 2 7	
4	D 8 0	5,827.59	A	0 0 3	
5					
6					
7					
8					
9					
10					
11					
12					

Note: If you need to list more than 12 process codes, attach an additional sheet(s) with the information in the same format as above. Number the lines sequentially, taking into account any lines that will be used for additional treatment processes in Item XIII.

XIII. Additional Treatment Processes *(follow instructions from Item XII)*

Line Number *(enter numbers in sequence with Item XII)*	A. PROCESS CODE	B. TREATMENT PROCESS DESIGN CAPACITY 1. AMOUNT *(specify)*	B. TREATMENT PROCESS DESIGN CAPACITY 2. UNIT OF MEASURE *(enter code)*	C. PROCESS TOTAL NUMBER OF UNITS	D. DESCRIPTION OF PROCESS
					Container Decant/Filling/Processing
5	T 0 4	132,000	U	0 0 3	
					Aqueous Waste Treatment (static mixer)
6	T 0 4	32,000	U	0 0 1	
					Stabilization Size Reduction Equipment
7	T 0 4	200	D	0 0 5	
					Microencapsulation, Macroencapsulation, Sealing, Solidification
8	T 0 4	2,000	N	0 0 5	

Form Approved. OMB No. 2050-0034 Expires 12-31-91
GSA No. 0246-EPA-GT

EPA I.D. Number *(enter from page 1)*: L A D 0 0 0 7 7 7 2 0 1

Secondary I.D. Number *(enter from page 1)*:

XII. Process - Codes and Design Capacities *(continued)*

EXAMPLES FOR COMPLETING ITEM XII (shown in line numbers X-1 and X-2 below): A facility has two storage tanks, one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.

Line Number	A. PROCESS CODE (from list above)	B. PROCESS DESIGN CAPACITY 1. AMOUNT *(specify)*	B. PROCESS DESIGN CAPACITY 2. UNIT OF MEASURE *(enter code)*	C. PROCESS TOTAL NUMBER OF UNITS	FOR OFFICIAL USE ONLY
X 1	S 0 2	600	G	0 0 2	
X 2	T 0 3	20	E	0 0 1	
1	S 0 1	1,739,108	G	0 0 5	
2	S 0 2	5,861,165	G	0 1 3	
3	T 0 1	953,200	U	0 2 7	
4	D 8 0	5,703.6	A	0 0 3	
5					
6					
7					
8					
9					
10					
11					
12					

Note: If you need to list more than 12 process codes, attach an additional sheet(s) with the information in the same format as above. Number the lines sequentially, taking into account any lines that will be used for additional treatment processes in Item XIII.

XIII. Additional Treatment Processes *(follow instructions from Item XII)*

Line Number *(enter numbers in sequence with Item XII)*	A. PROCESS CODE	B. TREATMENT PROCESS DESIGN CAPACITY 1. AMOUNT *(specify)*	B. TREATMENT PROCESS DESIGN CAPACITY 2. UNIT OF MEASURE *(enter code)*	C. PROCESS TOTAL NUMBER OF UNITS	D. DESCRIPTION OF PROCESS
					Containment Building Treatment
9	T 0 4	433,925	U	0 0 1	

Form Approved. OMB No. 2050-0034 Expires 12-31-91
GSA No. 0246-EPA-GT

EPA I.D. Number *(enter from page 1)*: L A D 0 0 0 7 7 7 2 0 1

Secondary I.D. Number *(enter from page 1)*:

XIV. Description of Hazardous Wastes

A. EPA HAZARDOUS WASTE NUMBER - *Enter the four-digit number from 40 CFR, Part 261 Subpart D of each listed hazardous waste you will handle. For hazardous wastes which are not listed in 40 CFR, Part 261 Subpart D, enter the four-digit number(s) from 40 CFR, Part 261 Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.*

B. ESTIMATED ANNUAL QUANTITY - *For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.*

C. UNIT OF MEASURE - *For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:*

ENGLISH UNIT OF MEASURE	CODE	METRIC UNIT OF MEASURE	CODE
Pounds	P	Kilograms	K
Tons	T	Metric Tons	M

If facility records/use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

D. PROCESSES

1. PROCESS CODES:

For listed hazardous waste: For each listed hazardous waste entered in column A select the code(s) from the list of process codes contained in Item XII A. on page 3 to indicate how the waste will be stored, treated, and/or disposed of at the facility.

For non-listed hazardous waste: For each characteristic or toxic contaminant entered in column A, select the code(s) from the list of process codes contained in Item XII A on page 3 to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed hazardous wastes that possess that characteristic or toxic contaminant.

NOTE: THREE SPACES ARE PROVIDED FOR ENTERING PROCESS CODES. IF MORE ARE NEEDED:

1. *Enter the first two as described above.*
2. *Enter "000" in the extreme right box of Item XIV-D(1).*
3. *Enter in the space provided on page 7, Item XIV-E, the line number and the additional code(s).*

2. PROCESS DESCRIPTION: *If a code is not listed for a process that will be used, describe the process in the space provided on the form (D-(2)).*

NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER - Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows.

1. *Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B, C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.*
2. *In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line enter "included with above" and make no other entries on that line.*
3. *Repeat step 2 for each EPA Hazardous Waste Number that can be used to describe the hazardous waste.*

EXAMPLE FOR COMPLETING ITEM XIV (shown in line numbers X-1, X-2, X-3, and X-4 below) - A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

Line Number		A. EPA HAZARDOUS WASTE NO. (enter code)				B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESS (1) PROCESS CODES (enter)									D. PROCESS (2) PROCESS DESCRIPTION (If a code is not entered in D(1))
X	1	K	0	5	4	900	P	T	0	3	D	8	0				
X	2	D	0	0	1	400	P	T	0	3	D	8	0				
X	3	D	0	0	1	100	P	T	0	3	D	8	0				
X	4	D	0	0	2												Included with Above

Form Approved. OMB No. 2050-0034 Expires 12-31-91
GSA No. 0246-EPA-DT

EPA I.D. Number *(enter from page 1)*: L A D 0 0 0 7 7 7 2 0 1

Secondary I.D. Number *(enter from page 1)*:

XIV. Description of Hazardous Wastes *(continued)*

Line Number	A. EPA HAZARDOUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESS (1) PROCESS CODES (enter)	D. PROCESS (2) PROCESS DESCRIPTION (if a code is not entered in D(1))
1	D 0 0 1	250,000	T	S 0 1 S 0 2 T 0 1	
2	D 0 0 2	250,000	T	S 0 1 S 0 2 T 0 1	
3	D 0 0 3	250,000	T	S 0 1 S 0 2 T 0 1	
4	D 0 0 4	250,000	T	S 0 1 S 0 2 T 0 1	
5	D 0 0 5	250,000	T	S 0 1 S 0 2 T 0 1	
6	D 0 0 6	250,000	T	S 0 1 S 0 2 T 0 1	
7	D 0 0 7	250,000	T	S 0 1 S 0 2 T 0 1	
8	D 0 0 8	250,000	T	S 0 1 S 0 2 T 0 1	
9	D 0 0 9	250,000	T	S 0 1 S 0 2 T 0 1	
10	D 0 1 0	250,000	T	S 0 1 S 0 2 T 0 1	
11	D 0 1 1	250,000	T	S 0 1 S 0 2 T 0 1	
12	D 0 1 2	250,000	T	S 0 1 S 0 2 T 0 1	
13	D 0 1 3	250,000	T	S 0 1 S 0 2 T 0 1	
14	D 0 1 4	250,000	T	S 0 1 S 0 2 T 0 1	
15	D 0 1 5	250,000	T	S 0 1 S 0 2 T 0 1	
16	D 0 1 6	250,000	T	S 0 1 S 0 2 T 0 1	
17	D 0 1 7	250,000	T	S 0 1 S 0 2 T 0 1	
18	D 0 1 8	250,000	T	S 0 1 S 0 2 T 0 1	
19	D 0 1 9	250,000	T	S 0 1 S 0 2 T 0 1	
20	D 0 2 0	250,000	T	S 0 1 S 0 2 T 0 1	
21	D 0 2 1	250,000	T	S 0 1 S 0 2 T 0 1	
22	D 0 2 2	250,000	T	S 0 1 S 0 2 T 0 1	
23	D 0 2 3	250,000	T	S 0 1 S 0 2 T 0 1	
24	D 0 2 4	250,000	T	S 0 1 S 0 2 T 0 1	
25	D 0 2 5	250,000	T	S 0 1 S 0 2 T 0 1	
26	D 0 2 6	250,000	T	S 0 1 S 0 2 T 0 1	
27	D 0 2 7	250,000	T	S 0 1 S 0 2 T 0 1	
28	D 0 2 8	250,000	T	S 0 1 S 0 2 T 0 1	
29	D 0 2 9	250,000	T	S 0 1 S 0 2 T 0 1	
30	D 0 3 0	250,000	T	S 0 1 S 0 2 T 0 1	
31	D 0 3 1	250,000	T	S 0 1 S 0 2 T 0 1	
32	D 0 3 2	250,000	T	S 0 1 S 0 2 T 0 1	
33	D 0 3 3	250,000	T	S 0 1 S 0 2 T 0 1	

*Process Codes are the same for every EPA Hazardous Waste No.

Form Approved. OMB No. 2050-0034 Expires 12-31-91
GSA No. 0246-EPA-GT

EPA I.D. Number *(enter from page 1)*: L A D 0 0 0 7 7 7 2 0 1

Secondary I.D. Number *(enter from page 1)*:

XIV. Description of Hazardous Wastes *(continued)*

Line Number	A. EPA HAZARDOUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESS (1) PROCESS CODES (enter)	(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
34	D034	250,000	T	S01 S02 T01	
35	D035	250,000	T	S01 S02 T01	
36	D036	250,000	T	S01 S02 T01	
37	D037	250,000	T	S01 S02 T01	
38	D038	250,000	T	S01 S02 T01	
39	D039	250,000	T	S01 S02 T01	
40	D040	250,000	T	S01 S02 T01	
41	D041	250,000	T	S01 S02 T01	
42	D042	250,000	T	S01 S02 T01	
43	D043	250,000	T	S01 S02 T01	
44	F001	250,000	T	S01 S02 T01	
45	F002	250,000	T	S01 S02 T01	
46	F003	250,000	T	S01 S02 T01	
47	F004	250,000	T	S01 S02 T01	
48	F005	250,000	T	S01 S02 T01	
49	F006	250,000	T	S01 S02 T01	
50	F007	250,000	T	S01 S02 T01	
51	F008	250,000	T	S01 S02 T01	
52	F009	250,000	T	S01 S02 T01	
53	F010	250,000	T	S01 S02 T01	
54	F011	250,000	T	S01 S02 T01	
55	F012	250,000	T	S01 S02 T01	
56	F019	250,000	T	S01 S02 T01	
57	F020	250,000	T	S01 S02 T01	
58	F021	250,000	T	S01 S02 T01	
59	F022	250,000	T	S01 S02 T01	
60	F023	250,000	T	S01 S02 T01	
61	F024	250,000	T	S01 S02 T01	
62	F025	250,000	T	S01 S02 T01	
63	F026	250,000	T	S01 S02 T01	
64	F027	250,000	T	S01 S02 T01	
65	F028	250,000	T	S01 S02 T01	
66	F032	250,000	T	S01 S02 T01	

*Process Codes are the same for every EPA Hazardous Waste No.

Form Approved. OMB No. 2050-0034 Expires 12-31-91
GSA No. 0246-EPA-OT

EPA I.D. Number *(enter from page 1)*: L A D 0 0 0 7 7 7 2 0 1

Secondary I.D. Number *(enter from page 1)*:

XIV. Description of Hazardous Wastes *(continued)*

Line Number	A. EPA HAZARDOUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESS (1) PROCESS CODES (enter)	(2) PROCESS DESCRIPTION (if a code is not entered in D(1))
67	F033	250,000	T	S01 S02 T01	
68	F034	250,000	T	S01 S02 T01	
69	F035	250,000	T	S01 S02 T01	
70	F037	750,000	T	S01 S02 T01	
71	F038	750,000	T	S01 S02 T01	
72	F039	250,000	T	S01 S02 T01	
73	K001	250,000	T	S01 S02 T01	
74	K002	250,000	T	S01 S02 T01	
75	K003	250,000	T	S01 S02 T01	
76	K004	250,000	T	S01 S02 T01	
77	K005	250,000	T	S01 S02 T01	
78	K006	250,000	T	S01 S02 T01	
79	K007	250,000	T	S01 S02 T01	
80	K008	250,000	T	S01 S02 T01	
81	K009	250,000	T	S01 S02 T01	
82	K010	250,000	T	S01 S02 T01	
83	K011	250,000	T	S01 S02 T01	
84	K013	250,000	T	S01 S02 T01	
85	K014	250,000	T	S01 S02 T01	
86	K015	250,000	T	S01 S02 T01	
87	K016	250,000	T	S01 S02 T01	
88	K017	250,000	T	S01 S02 T01	
89	K018	250,000	T	S01 S02 T01	
90	K019	250,000	T	S01 S02 T01	
91	K020	250,000	T	S01 S02 T01	
92	K021	250,000	T	S01 S02 T01	
93	K022	250,000	T	S01 S02 T01	
94	K023	250,000	T	S01 S02 T01	
95	K024	250,000	T	S01 S02 T01	
96	K025	250,000	T	S01 S02 T01	
97	K026	250,000	T	S01 S02 T01	
98	K027	250,000	T	S01 S02 T01	
99	K028	250,000	T	S01 S02 T01	

*Process Codes are the same for every EPA Hazardous Waste No.

Form Approved. OMB No. 2050-0034 Expires 12-31-91
GSA No. 0246-EPA-OT

EPA I.D. Number *(enter from page 1)*: L A D 0 0 0 7 7 7 2 0 1

Secondary I.D. Number *(enter from page 1)*:

XIV. Description of Hazardous Wastes *(continued)*

Line Number	A. EPA HAZARDOUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESS (1) PROCESS CODES (enter)	D. PROCESS (2) PROCESS DESCRIPTION (if a code is not entered in D(1))
1 00	K 0 2 9	250,000	T	S 0 1 S 0 2 T 0 1	
1 01	K 0 3 0	250,000	T	S 0 1 S 0 2 T 0 1	
1 02	K 0 3 1	250,000	T	S 0 1 S 0 2 T 0 1	
1 03	K 0 3 2	250,000	T	S 0 1 S 0 2 T 0 1	
1 04	K 0 3 3	250,000	T	S 0 1 S 0 2 T 0 1	
1 05	K 0 3 4	250,000	T	S 0 1 S 0 2 T 0 1	
1 06	K 0 3 5	250,000	T	S 0 1 S 0 2 T 0 1	
1 07	K 0 3 6	250,000	T	S 0 1 S 0 2 T 0 1	
1 08	K 0 3 7	250,000	T	S 0 1 S 0 2 T 0 1	
1 09	K 0 3 8	250,000	T	S 0 1 S 0 2 T 0 1	
1 10	K 0 3 9	250,000	T	S 0 1 S 0 2 T 0 1	
1 11	K 0 4 0	250,000	T	S 0 1 S 0 2 T 0 1	
1 12	K 0 4 1	250,000	T	S 0 1 S 0 2 T 0 1	
1 13	K 0 4 2	250,000	T	S 0 1 S 0 2 T 0 1	
1 14	K 0 4 3	250,000	T	S 0 1 S 0 2 T 0 1	
1 15	K 0 4 4	250,000	T	S 0 1 S 0 2 T 0 1	
1 16	K 0 4 5	250,000	T	S 0 1 S 0 2 T 0 1	
1 17	K 0 4 6	250,000	T	S 0 1 S 0 2 T 0 1	
1 18	K 0 4 7	250,000	T	S 0 1 S 0 2 T 0 1	
1 19	K 0 4 8	250,000	T	S 0 1 S 0 2 T 0 1	
1 20	K 0 4 9	250,000	T	S 0 1 S 0 2 T 0 1	
1 21	K 0 5 0	250,000	T	S 0 1 S 0 2 T 0 1	
1 22	K 0 5 1	250,000	T	S 0 1 S 0 2 T 0 1	
1 23	K 0 5 2	250,000	T	S 0 1 S 0 2 T 0 1	
1 24	K 0 6 0	250,000	T	S 0 1 S 0 2 T 0 1	
1 25	K 0 6 1	250,000	T	S 0 1 S 0 2 T 0 1	
1 26	K 0 6 2	250,000	T	S 0 1 S 0 2 T 0 1	
1 27	K 0 6 4	250,000	T	S 0 1 S 0 2 T 0 1	
1 28	K 0 6 5	250,000	T	S 0 1 S 0 2 T 0 1	
1 29	K 0 6 6	250,000	T	S 0 1 S 0 2 T 0 1	
1 30	K 0 6 9	250,000	T	S 0 1 S 0 2 T 0 1	
1 31	K 0 7 1	250,000	T	S 0 1 S 0 2 T 0 1	
1 32	K 0 7 3	250,000	T	S 0 1 S 0 2 T 0 1	

*Process Codes are the same for every EPA Hazardous Waste No.

Form Approved. OMB No. 2050-0034 Expires 12-31-91
GSA No. 0246-EPA-OT

EPA I.D. Number *(enter from page 1)*: L A D 0 0 0 7 7 7 2 0 1

Secondary I.D. Number *(enter from page 1)*:

XIV. Description of Hazardous Wastes *(continued)*

Line Number	A. EPA HAZARDOUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESS (1) PROCESS CODES (enter)	D. PROCESS (2) PROCESS DESCRIPTION (if a code is not entered in D(1))
1 33	K 0 8 3	250,000	T	S 0 1 S 0 2 T 0 1	
1 34	K 0 8 4	250,000	T	S 0 1 S 0 2 T 0 1	
1 35	K 0 8 5	250,000	T	S 0 1 S 0 2 T 0 1	
1 36	K 0 8 6	250,000	T	S 0 1 S 0 2 T 0 1	
1 37	K 0 8 7	250,000	T	S 0 1 S 0 2 T 0 1	
1 38	K 0 8 8	250,000	T	S 0 1 S 0 2 T 0 1	
1 39	K 0 9 0	250,000	T	S 0 1 S 0 2 T 0 1	
1 40	K 0 9 1	250,000	T	S 0 1 S 0 2 T 0 1	
1 41	K 0 9 3	250,000	T	S 0 1 S 0 2 T 0 1	
1 42	K 0 9 4	250,000	T	S 0 1 S 0 2 T 0 1	
1 43	K 0 9 5	250,000	T	S 0 1 S 0 2 T 0 1	
1 44	K 0 9 6	250,000	T	S 0 1 S 0 2 T 0 1	
1 45	K 0 9 7	250,000	T	S 0 1 S 0 2 T 0 1	
1 46	K 0 9 8	250,000	T	S 0 1 S 0 2 T 0 1	
1 47	K 0 9 9	250,000	T	S 0 1 S 0 2 T 0 1	
1 48	K 1 0 0	250,000	T	S 0 1 S 0 2 T 0 1	
1 49	K 1 0 1	250,000	T	S 0 1 S 0 2 T 0 1	
1 50	K 1 0 2	250,000	T	S 0 1 S 0 2 T 0 1	
1 51	K 1 0 3	250,000	T	S 0 1 S 0 2 T 0 1	
1 52	K 1 0 4	250,000	T	S 0 1 S 0 2 T 0 1	
1 53	K 1 0 5	250,000	T	S 0 1 S 0 2 T 0 1	
1 54	K 1 0 6	250,000	T	S 0 1 S 0 2 T 0 1	
1 55	K 1 0 7	250,000	T	S 0 1 S 0 2 T 0 1	
1 56	K 1 0 8	250,000	T	S 0 1 S 0 2 T 0 1	
1 57	K 1 0 9	250,000	T	S 0 1 S 0 2 T 0 1	
1 58	K 1 1 0	250,000	T	S 0 1 S 0 2 T 0 1	
1 59	K 1 1 1	250,000	T	S 0 1 S 0 2 T 0 1	
1 60	K 1 1 2	250,000	T	S 0 1 S 0 2 T 0 1	
1 61	K 1 1 3	250,000	T	S 0 1 S 0 2 T 0 1	
1 62	K 1 1 4	250,000	T	S 0 1 S 0 2 T 0 1	
1 63	K 1 1 5	250,000	T	S 0 1 S 0 2 T 0 1	
1 64	K 1 1 6	250,000	T	S 0 1 S 0 2 T 0 1	
1 65	K 1 1 7	250,000	T	S 0 1 S 0 2 T 0 1	

*Process Codes are the same for every EPA Hazardous Waste No.

Form Approved. OMB No. 2050-0034 Expires 12-31-91
GSA No. 0248-EPA-OT

EPA I.D. Number *(enter from page 1)*: L A D 0 0 0 7 7 7 2 0 1

Secondary I.D. Number *(enter from page 1)*:

XIV. Description of Hazardous Wastes *(continued)*

Line Number	A. EPA HAZARDOUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESS (1) PROCESS CODES (enter)	D. PROCESS (2) PROCESS DESCRIPTION (If a code is not entered in D(1))
1 66	K118	250,000	T	S01 S02 T01	
1 67	K123	250,000	T	S01 S02 T01	
1 68	K124	250,000	T	S01 S02 T01	
1 69	K125	250,000	T	S01 S02 T01	
1 70	K126	250,000	T	S01 S02 T01	
1 71	K131	250,000	T	S01 S02 T01	
1 72	K132	250,000	T	S01 S02 T01	
1 73	K136	250,000	T	S01 S02 T01	
1 74	K141	250,000	T	S01 S02 T01	
1 75	K142	250,000	T	S01 S02 T01	
1 76	K143	250,000	T	S01 S02 T01	
1 77	K144	250,000	T	S01 S02 T01	
1 78	K145	250,000	T	S01 S02 T01	
1 79	K147	250,000	T	S01 S02 T01	
1 80	K148	250,000	T	S01 S02 T01	
1 81	K149	250,000	T	S01 S02 T01	
1 82	K150	250,000	T	S01 S02 T01	
1 83	K151	250,000	T	S01 S02 T01	
1 84	K156	250,000	T	S01 S02 T01	
1 85	K157	250,000	T	S01 S02 T01	
1 86	K158	250,000	T	S01 S02 T01	
1 87	K159	250,000	T	S01 S02 T01	
1 88	K160	250,000	T	S01 S02 T01	
1 89	K161	250,000	T	S01 S02 T01	
1 90	P001	250,000	T	S01 S02 T01	
1 91	P002	250,000	T	S01 S02 T01	
1 92	P003	250,000	T	S01 S02 T01	
1 93	P004	250,000	T	S01 S02 T01	
1 94	P005	250,000	T	S01 S02 T01	
1 95	P006	250,000	T	S01 S02 T01	
1 96	P007	250,000	T	S01 S02 T01	
1 97	P008	250,000	T	S01 S02 T01	
1 98	P009	250,000	T	S01 S02 T01	

*Process Codes are the same for every EPA Hazardous Waste No.

EPA I.D. Number *(enter from page 1)*: L A D 0 0 0 7 7 7 2 0 1

Secondary I.D. Number *(enter from page 1)*:

XIV. Description of Hazardous Wastes *(continued)*

Line Number	A. EPA HAZARDOUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESS (1) PROCESS CODES (enter)	D. PROCESS (2) PROCESS DESCRIPTION (if a code is not entered in D(1))
1 99	P 0 1 0	250,000	T	S 0 1 S 0 2 T 0 1	
2 00	P 0 1 1	250,000	T	S 0 1 S 0 2 T 0 1	
2 01	P 0 1 2	250,000	T	S 0 1 S 0 2 T 0 1	
2 02	P 0 1 3	250,000	T	S 0 1 S 0 2 T 0 1	
2 03	P 0 1 4	250,000	T	S 0 1 S 0 2 T 0 1	
2 04	P 0 1 5	250,000	T	S 0 1 S 0 2 T 0 1	
2 05	P 0 1 6	250,000	T	S 0 1 S 0 2 T 0 1	
2 06	P 0 1 7	250,000	T	S 0 1 S 0 2 T 0 1	
2 07	P 0 1 8	250,000	T	S 0 1 S 0 2 T 0 1	
2 08	P 0 2 0	250,000	T	S 0 1 S 0 2 T 0 1	
2 09	P 0 2 1	250,000	T	S 0 1 S 0 2 T 0 1	
2 10	P 0 2 2	250,000	T	S 0 1 S 0 2 T 0 1	
2 11	P 0 2 3	250,000	T	S 0 1 S 0 2 T 0 1	
2 12	P 0 2 4	250,000	T	S 0 1 S 0 2 T 0 1	
2 13	P 0 2 6	250,000	T	S 0 1 S 0 2 T 0 1	
2 14	P 0 2 7	250,000	T	S 0 1 S 0 2 T 0 1	
2 15	P 0 2 8	250,000	T	S 0 1 S 0 2 T 0 1	
2 16	P 0 2 9	250,000	T	S 0 1 S 0 2 T 0 1	
2 17	P 0 3 0	250,000	T	S 0 1 S 0 2 T 0 1	
2 18	P 0 3 1	250,000	T	S 0 1 S 0 2 T 0 1	
2 19	P 0 3 3	250,000	T	S 0 1 S 0 2 T 0 1	
2 20	P 0 3 4	250,000	T	S 0 1 S 0 2 T 0 1	
2 21	P 0 3 6	250,000	T	S 0 1 S 0 2 T 0 1	
2 22	P 0 3 7	250,000	T	S 0 1 S 0 2 T 0 1	
2 23	P 0 3 8	250,000	T	S 0 1 S 0 2 T 0 1	
2 24	P 0 3 9	250,000	T	S 0 1 S 0 2 T 0 1	
2 25	P 0 4 0	250,000	T	S 0 1 S 0 2 T 0 1	
2 26	P 0 4 1	250,000	T	S 0 1 S 0 2 T 0 1	
2 27	P 0 4 2	250,000	T	S 0 1 S 0 2 T 0 1	
2 28	P 0 4 3	250,000	T	S 0 1 S 0 2 T 0 1	
2 29	P 0 4 4	250,000	T	S 0 1 S 0 2 T 0 1	
2 30	P 0 4 5	250,000	T	S 0 1 S 0 2 T 0 1	
2 31	P 0 4 6	250,000	T	S 0 1 S 0 2 T 0 1	

*Process Codes are the same for every EPA Hazardous Waste No.

EPA I.D. Number *(enter from page 1)*: L A D 0 0 0 7 7 7 2 0 1

Secondary I.D. Number *(enter from page 1)*:

XIV. Description of Hazardous Wastes *(continued)*

Line Number	A. EPA HAZARDOUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESS (1) PROCESS CODES (enter)	D. PROCESS (2) PROCESS DESCRIPTION (If a code is not entered in D(1))
2 32	P 0 4 7	250,000	T	S 0 1 S 0 2 T 0 1	
2 33	P 0 4 8	250,000	T	S 0 1 S 0 2 T 0 1	
2 34	P 0 4 9	250,000	T	S 0 1 S 0 2 T 0 1	
2 35	P 0 5 0	250,000	T	S 0 1 S 0 2 T 0 1	
2 36	P 0 5 1	250,000	T	S 0 1 S 0 2 T 0 1	
2 37	P 0 5 4	250,000	T	S 0 1 S 0 2 T 0 1	
2 38	P 0 5 6	250,000	T	S 0 1 S 0 2 T 0 1	
2 39	P 0 5 7	250,000	T	S 0 1 S 0 2 T 0 1	
2 40	P 0 5 8	250,000	T	S 0 1 S 0 2 T 0 1	
2 41	P 0 5 9	250,000	T	S 0 1 S 0 2 T 0 1	
2 42	P 0 6 0	250,000	T	S 0 1 S 0 2 T 0 1	
2 43	P 0 6 2	250,000	T	S 0 1 S 0 2 T 0 1	
2 44	P 0 6 3	250,000	T	S 0 1 S 0 2 T 0 1	
2 45	P 0 6 4	250,000	T	S 0 1 S 0 2 T 0 1	
2 46	P 0 6 5	250,000	T	S 0 1 S 0 2 T 0 1	
2 47	P 0 6 6	250,000	T	S 0 1 S 0 2 T 0 1	
2 48	P 0 6 7	250,000	T	S 0 1 S 0 2 T 0 1	
2 49	P 0 6 8	250,000	T	S 0 1 S 0 2 T 0 1	
2 50	P 0 6 9	250,000	T	S 0 1 S 0 2 T 0 1	
2 51	P 0 7 0	250,000	T	S 0 1 S 0 2 T 0 1	
2 52	P 0 7 1	250,000	T	S 0 1 S 0 2 T 0 1	
2 53	P 0 7 2	250,000	T	S 0 1 S 0 2 T 0 1	
2 54	P 0 7 3	250,000	T	S 0 1 S 0 2 T 0 1	
2 55	P 0 7 4	250,000	T	S 0 1 S 0 2 T 0 1	
2 56	P 0 7 5	250,000	T	S 0 1 S 0 2 T 0 1	
2 57	P 0 7 6	250,000	T	S 0 1 S 0 2 T 0 1	
2 58	P 0 7 7	250,000	T	S 0 1 S 0 2 T 0 1	
2 59	P 0 7 8	250,000	T	S 0 1 S 0 2 T 0 1	
2 60	P 0 8 1	250,000	T	S 0 1 S 0 2 T 0 1	
2 61	P 0 8 2	250,000	T	S 0 1 S 0 2 T 0 1	
2 62	P 0 8 4	250,000	T	S 0 1 S 0 2 T 0 1	
2 63	P 0 8 5	250,000	T	S 0 1 S 0 2 T 0 1	
2 64	P 0 8 7	250,000	T	S 0 1 S 0 2 T 0 1	

*Process Codes are the same for every EPA Hazardous Waste No.

Form Approved. OMB No. 2050-0034 Expires 12-31-91
GSA No. 0246-EPA-OT

EPA I.D. Number *(enter from page 1)*: L A D 0 0 0 7 7 7 2 0 1

Secondary I.D. Number *(enter from page 1)*:

XIV. Description of Hazardous Wastes *(continued)*

Line Number	A. EPA HAZARDOUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESS (1) PROCESS CODES (enter)	D. PROCESS (2) PROCESS DESCRIPTION (if a code is not entered in D(1))
2 65	P 0 8 8	250,000	T	S 0 1 S 0 2 T 0 1	
2 66	P 0 8 9	250,000	T	S 0 1 S 0 2 T 0 1	
2 67	P 0 9 2	250,000	T	S 0 1 S 0 2 T 0 1	
2 68	P 0 9 3	250,000	T	S 0 1 S 0 2 T 0 1	
2 69	P 0 9 4	250,000	T	S 0 1 S 0 2 T 0 1	
2 70	P 0 9 5	250,000	T	S 0 1 S 0 2 T 0 1	
2 71	P 0 9 6	250,000	T	S 0 1 S 0 2 T 0 1	
2 72	P 0 9 7	250,000	T	S 0 1 S 0 2 T 0 1	
2 73	P 0 9 8	250,000	T	S 0 1 S 0 2 T 0 1	
2 74	P 0 9 9	250,000	T	S 0 1 S 0 2 T 0 1	
2 75	P 1 0 1	250,000	T	S 0 1 S 0 2 T 0 1	
2 76	P 1 0 2	250,000	T	S 0 1 S 0 2 T 0 1	
2 77	P 1 0 3	250,000	T	S 0 1 S 0 2 T 0 1	
2 78	P 1 0 4	250,000	T	S 0 1 S 0 2 T 0 1	
2 79	P 1 0 5	250,000	T	S 0 1 S 0 2 T 0 1	
2 80	P 1 0 6	250,000	T	S 0 1 S 0 2 T 0 1	
2 81	P 1 0 7	250,000	T	S 0 1 S 0 2 T 0 1	
2 82	P 1 0 8	250,000	T	S 0 1 S 0 2 T 0 1	
2 83	P 1 0 9	250,000	T	S 0 1 S 0 2 T 0 1	
2 84	P 1 1 0	250,000	T	S 0 1 S 0 2 T 0 1	
2 85	P 1 1 1	250,000	T	S 0 1 S 0 2 T 0 1	
2 86	P 1 1 2	250,000	T	S 0 1 S 0 2 T 0 1	
2 87	P 1 1 3	250,000	T	S 0 1 S 0 2 T 0 1	
2 88	P 1 1 4	250,000	T	S 0 1 S 0 2 T 0 1	
2 89	P 1 1 5	250,000	T	S 0 1 S 0 2 T 0 1	
2 90	P 1 1 6	250,000	T	S 0 1 S 0 2 T 0 1	
2 91	P 1 1 8	250,000	T	S 0 1 S 0 2 T 0 1	
2 92	P 1 1 9	250,000	T	S 0 1 S 0 2 T 0 1	
2 93	P 1 2 0	250,000	T	S 0 1 S 0 2 T 0 1	
2 94	P 1 2 1	250,000	T	S 0 1 S 0 2 T 0 1	
2 95	P 1 2 2	250,000	T	S 0 1 S 0 2 T 0 1	
2 96	P 1 2 3	250,000	T	S 0 1 S 0 2 T 0 1	
2 97	P 1 2 7	250,000	T	S 0 1 S 0 2 T 0 1	

*Process Codes are the same for every EPA Hazardous Waste No.

Form Approved. OMB No. 2050-0034 Expires 12-31-91
GSA No. 0248-EPA-OT

EPA I.D. Number *(enter from page 1)*: L A D 0 0 0 7 7 7 2 0 1

Secondary I.D. Number *(enter from page 1)*:

XIV. Description of Hazardous Wastes *(continued)*

Line Number	A. EPA HAZARDOUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESS (1) PROCESS CODES (enter)	D. PROCESS (2) PROCESS DESCRIPTION (If a code is not entered in D(1))
2 98	P 1 2 8	250,000	T	S 0 1 S 0 2 T 0 1	
2 99	P 1 8 5	250,000	T	S 0 1 S 0 2 T 0 1	
3 00	P 1 8 8	250,000	T	S 0 1 S 0 2 T 0 1	
3 01	P 1 8 9	250,000	T	S 0 1 S 0 2 T 0 1	
3 02	P 1 9 0	250,000	T	S 0 1 S 0 2 T 0 1	
3 03	P 1 9 1	250,000	T	S 0 1 S 0 2 T 0 1	
3 04	P 1 9 2	250,000	T	S 0 1 S 0 2 T 0 1	
3 05	P 1 9 4	250,000	T	S 0 1 S 0 2 T 0 1	
3 06	P 1 9 6	250,000	T	S 0 1 S 0 2 T 0 1	
3 07	P 1 9 7	250,000	T	S 0 1 S 0 2 T 0 1	
3 08	P 1 9 8	250,000	T	S 0 1 S 0 2 T 0 1	
3 09	P 1 9 9	250,000	T	S 0 1 S 0 2 T 0 1	
3 10	P 2 0 1	250,000	T	S 0 1 S 0 2 T 0 1	
3 11	P 2 0 2	250,000	T	S 0 1 S 0 2 T 0 1	
3 12	P 2 0 3	250,000	T	S 0 1 S 0 2 T 0 1	
3 13	P 2 0 4	250,000	T	S 0 1 S 0 2 T 0 1	
3 14	P 2 0 5	250,000	T	S 0 1 S 0 2 T 0 1	
3 15	U 0 0 1	250,000	T	S 0 1 S 0 2 T 0 1	
3 16	U 0 0 2	250,000	T	S 0 1 S 0 2 T 0 1	
3 17	U 0 0 3	250,000	T	S 0 1 S 0 2 T 0 1	
3 18	U 0 0 4	250,000	T	S 0 1 S 0 2 T 0 1	
3 19	U 0 0 5	250,000	T	S 0 1 S 0 2 T 0 1	
3 20	U 0 0 6	250,000	T	S 0 1 S 0 2 T 0 1	
3 21	U 0 0 7	250,000	T	S 0 1 S 0 2 T 0 1	
3 22	U 0 0 8	250,000	T	S 0 1 S 0 2 T 0 1	
3 23	U 0 0 9	250,000	T	S 0 1 S 0 2 T 0 1	
3 24	U 0 1 0	250,000	T	S 0 1 S 0 2 T 0 1	
3 25	U 0 1 1	250,000	T	S 0 1 S 0 2 T 0 1	
3 26	U 0 1 2	250,000	T	S 0 1 S 0 2 T 0 1	
3 27	U 0 1 4	250,000	T	S 0 1 S 0 2 T 0 1	
3 28	U 0 1 5	250,000	T	S 0 1 S 0 2 T 0 1	
3 29	U 0 1 6	250,000	T	S 0 1 S 0 2 T 0 1	
3 30	U 0 1 7	250,000	T	S 0 1 S 0 2 T 0 1	

*Process Codes are the same for every EPA Hazardous Waste No.

Form Approved. OMB No. 2050-0034 Expires 12-31-91
GSA No. 0248-EPA-OT

EPA I.D. Number *(enter from page 1)*: L A D 0 0 0 7 7 7 2 0 1

Secondary I.D. Number *(enter from page 1)*:

XIV. Description of Hazardous Wastes *(continued)*

Line Number	A. EPA HAZARDOUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESS (1) PROCESS CODES (enter)	(2) PROCESS DESCRIPTION (if a code is not entered in D(1))
3 31	U 0 1 8	250,000	T	S 0 1 S 0 2 T 0 1	
3 32	U 0 1 9	250,000	T	S 0 1 S 0 2 T 0 1	
3 33	U 0 2 0	250,000	T	S 0 1 S 0 2 T 0 1	
3 34	U 0 2 1	250,000	T	S 0 1 S 0 2 T 0 1	
3 35	U 0 2 2	250,000	T	S 0 1 S 0 2 T 0 1	
3 36	U 0 2 3	250,000	T	S 0 1 S 0 2 T 0 1	
3 37	U 0 2 4	250,000	T	S 0 1 S 0 2 T 0 1	
3 38	U 0 2 5	250,000	T	S 0 1 S 0 2 T 0 1	
3 39	U 0 2 6	250,000	T	S 0 1 S 0 2 T 0 1	
3 40	U 0 2 7	250,000	T	S 0 1 S 0 2 T 0 1	
3 41	U 0 2 8	250,000	T	S 0 1 S 0 2 T 0 1	
3 42	U 0 2 9	250,000	T	S 0 1 S 0 2 T 0 1	
3 43	U 0 3 0	250,000	T	S 0 1 S 0 2 T 0 1	
3 44	U 0 3 1	250,000	T	S 0 1 S 0 2 T 0 1	
3 45	U 0 3 2	250,000	T	S 0 1 S 0 2 T 0 1	
3 46	U 0 3 3	250,000	T	S 0 1 S 0 2 T 0 1	
3 47	U 0 3 4	250,000	T	S 0 1 S 0 2 T 0 1	
3 48	U 0 3 5	250,000	T	S 0 1 S 0 2 T 0 1	
3 49	U 0 3 6	250,000	T	S 0 1 S 0 2 T 0 1	
3 50	U 0 3 7	250,000	T	S 0 1 S 0 2 T 0 1	
3 51	U 0 3 8	250,000	T	S 0 1 S 0 2 T 0 1	
3 52	U 0 3 9	250,000	T	S 0 1 S 0 2 T 0 1	
3 53	U 0 4 1	250,000	T	S 0 1 S 0 2 T 0 1	
3 54	U 0 4 2	250,000	T	S 0 1 S 0 2 T 0 1	
3 55	U 0 4 3	250,000	T	S 0 1 S 0 2 T 0 1	
3 56	U 0 4 4	250,000	T	S 0 1 S 0 2 T 0 1	
3 57	U 0 4 5	250,000	T	S 0 1 S 0 2 T 0 1	
3 58	U 0 4 6	250,000	T	S 0 1 S 0 2 T 0 1	
3 59	U 0 4 7	250,000	T	S 0 1 S 0 2 T 0 1	
3 60	U 0 4 8	250,000	T	S 0 1 S 0 2 T 0 1	
3 61	U 0 4 9	250,000	T	S 0 1 S 0 2 T 0 1	
3 62	U 0 5 0	250,000	T	S 0 1 S 0 2 T 0 1	
3 63	U 0 5 1	250,000	T	S 0 1 S 0 2 T 0 1	

*Process Codes are the same for every EPA Hazardous Waste No.

Form Approved. OMB No. 2050-0034 Expires 12-31-91
GSA No. 0246-EPA-GT

EPA I.D. Number *(enter from page 1)*: L A D 0 0 0 7 7 7 2 0 1

Secondary I.D. Number *(enter from page 1)*:

XIV. Description of Hazardous Wastes *(continued)*

Line Number	A. EPA HAZARDOUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESS (1) PROCESS CODES (enter)	D. PROCESS (2) PROCESS DESCRIPTION (if a code is not entered in D(1))
3 64	U 0 5 2	250,000	T	S 0 1 S 0 2 T 0 1	
3 65	U 0 5 3	250,000	T	S 0 1 S 0 2 T 0 1	
3 66	U 0 5 5	250,000	T	S 0 1 S 0 2 T 0 1	
3 67	U 0 5 6	250,000	T	S 0 1 S 0 2 T 0 1	
3 68	U 0 5 7	250,000	T	S 0 1 S 0 2 T 0 1	
3 69	U 0 5 8	250,000	T	S 0 1 S 0 2 T 0 1	
3 70	U 0 5 9	250,000	T	S 0 1 S 0 2 T 0 1	
3 71	U 0 6 0	250,000	T	S 0 1 S 0 2 T 0 1	
3 72	U 0 6 1	250,000	T	S 0 1 S 0 2 T 0 1	
3 73	U 0 6 2	250,000	T	S 0 1 S 0 2 T 0 1	
3 74	U 0 6 3	250,000	T	S 0 1 S 0 2 T 0 1	
3 75	U 0 6 4	250,000	T	S 0 1 S 0 2 T 0 1	
3 76	U 0 6 6	250,000	T	S 0 1 S 0 2 T 0 1	
3 77	U 0 6 7	250,000	T	S 0 1 S 0 2 T 0 1	
3 78	U 0 6 8	250,000	T	S 0 1 S 0 2 T 0 1	
3 79	U 0 6 9	250,000	T	S 0 1 S 0 2 T 0 1	
3 80	U 0 7 0	250,000	T	S 0 1 S 0 2 T 0 1	
3 81	U 0 7 1	250,000	T	S 0 1 S 0 2 T 0 1	
3 82	U 0 7 2	250,000	T	S 0 1 S 0 2 T 0 1	
3 83	U 0 7 3	250,000	T	S 0 1 S 0 2 T 0 1	
3 84	U 0 7 4	250,000	T	S 0 1 S 0 2 T 0 1	
3 85	U 0 7 5	250,000	T	S 0 1 S 0 2 T 0 1	
3 86	U 0 7 6	250,000	T	S 0 1 S 0 2 T 0 1	
3 87	U 0 7 7	250,000	T	S 0 1 S 0 2 T 0 1	
3 88	U 0 7 8	250,000	T	S 0 1 S 0 2 T 0 1	
3 89	U 0 7 9	250,000	T	S 0 1 S 0 2 T 0 1	
3 90	U 0 8 0	250,000	T	S 0 1 S 0 2 T 0 1	
3 91	U 0 8 1	250,000	T	S 0 1 S 0 2 T 0 1	
3 92	U 0 8 2	250,000	T	S 0 1 S 0 2 T 0 1	
3 93	U 0 8 3	250,000	T	S 0 1 S 0 2 T 0 1	
3 94	U 0 8 4	250,000	T	S 0 1 S 0 2 T 0 1	
3 95	U 0 8 5	250,000	T	S 0 1 S 0 2 T 0 1	
3 96	U 0 8 6	250,000	T	S 0 1 S 0 2 T 0 1	

*Process Codes are the same for every EPA Hazardous Waste No.

Form Approved. OMB No. 2050-0034 Expires 12-31-91
GSA No. 0248-EPA-OT

EPA I.D. Number *(enter from page 1)*: L A D 0 0 0 7 7 7 2 0 1

Secondary I.D. Number *(enter from page 1)*:

XIV. Description of Hazardous Wastes *(continued)*

Line Number	A. EPA HAZARDOUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESS (1) PROCESS CODES (enter)	(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
3 97	U 0 8 7	250,000	T	S 0 1 S 0 2 T 0 1	
3 98	U 0 8 8	250,000	T	S 0 1 S 0 2 T 0 1	
3 99	U 0 8 9	250,000	T	S 0 1 S 0 2 T 0 1	
4 00	U 0 9 0	250,000	T	S 0 1 S 0 2 T 0 1	
4 01	U 0 9 1	250,000	T	S 0 1 S 0 2 T 0 1	
4 02	U 0 9 2	250,000	T	S 0 1 S 0 2 T 0 1	
4 03	U 0 9 3	250,000	T	S 0 1 S 0 2 T 0 1	
4 04	U 0 9 4	250,000	T	S 0 1 S 0 2 T 0 1	
4 05	U 0 9 5	250,000	T	S 0 1 S 0 2 T 0 1	
4 06	U 0 9 6	250,000	T	S 0 1 S 0 2 T 0 1	
4 07	U 0 9 7	250,000	T	S 0 1 S 0 2 T 0 1	
4 08	U 0 9 8	250,000	T	S 0 1 S 0 2 T 0 1	
4 09	U 0 9 9	250,000	T	S 0 1 S 0 2 T 0 1	
4 10	U 1 0 1	250,000	T	S 0 1 S 0 2 T 0 1	
4 11	U 1 0 2	250,000	T	S 0 1 S 0 2 T 0 1	
4 12	U 1 0 3	250,000	T	S 0 1 S 0 2 T 0 1	
4 13	U 1 0 5	250,000	T	S 0 1 S 0 2 T 0 1	
4 14	U 1 0 6	250,000	T	S 0 1 S 0 2 T 0 1	
4 15	U 1 0 7	250,000	T	S 0 1 S 0 2 T 0 1	
4 16	U 1 0 8	250,000	T	S 0 1 S 0 2 T 0 1	
4 17	U 1 0 9	250,000	T	S 0 1 S 0 2 T 0 1	
4 18	U 1 1 0	250,000	T	S 0 1 S 0 2 T 0 1	
4 19	U 1 1 1	250,000	T	S 0 1 S 0 2 T 0 1	
4 20	U 1 1 2	250,000	T	S 0 1 S 0 2 T 0 1	
4 21	U 1 1 3	250,000	T	S 0 1 S 0 2 T 0 1	
4 22	U 1 1 4	250,000	T	S 0 1 S 0 2 T 0 1	
4 23	U 1 1 5	250,000	T	S 0 1 S 0 2 T 0 1	
4 24	U 1 1 6	250,000	T	S 0 1 S 0 2 T 0 1	
4 25	U 1 1 7	250,000	T	S 0 1 S 0 2 T 0 1	
4 26	U 1 1 8	250,000	T	S 0 1 S 0 2 T 0 1	
4 27	U 1 1 9	250,000	T	S 0 1 S 0 2 T 0 1	
4 28	U 1 2 0	250,000	T	S 0 1 S 0 2 T 0 1	
4 29	U 1 2 1	250,000	T	S 0 1 S 0 2 T 0 1	

*Process Codes are the same for every EPA Hazardous Waste No.

Form Approved. OMB No. 2050-0034 Expires 12-31-91
GSA No. 0246-EPA-GT

EPA I.D. Number *(enter from page 1)*: L A D 0 0 0 7 7 7 2 0 1

Secondary I.D. Number *(enter from page 1)*:

XIV. Description of Hazardous Wastes *(continued)*

Line Number	A. EPA HAZARDOUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESS (1) PROCESS CODES (enter)	D. PROCESS (2) PROCESS DESCRIPTION (if a code is not entered in D(1))
4 30	U 1 2 2	250,000	T	S 0 1 S 0 2 T 0 1	
4 31	U 1 2 3	250,000	T	S 0 1 S 0 2 T 0 1	
4 32	U 1 2 4	250,000	T	S 0 1 S 0 2 T 0 1	
4 33	U 1 2 5	250,000	T	S 0 1 S 0 2 T 0 1	
4 34	U 1 2 6	250,000	T	S 0 1 S 0 2 T 0 1	
4 35	U 1 2 7	250,000	T	S 0 1 S 0 2 T 0 1	
4 36	U 1 2 8	250,000	T	S 0 1 S 0 2 T 0 1	
4 37	U 1 2 9	250,000	T	S 0 1 S 0 2 T 0 1	
4 38	U 1 3 0	250,000	T	S 0 1 S 0 2 T 0 1	
4 39	U 1 3 1	250,000	T	S 0 1 S 0 2 T 0 1	
4 40	U 1 3 2	250,000	T	S 0 1 S 0 2 T 0 1	
4 41	U 1 3 3	250,000	T	S 0 1 S 0 2 T 0 1	
4 42	U 1 3 4	250,000	T	S 0 1 S 0 2 T 0 1	
4 43	U 1 3 5	250,000	T	S 0 1 S 0 2 T 0 1	
4 44	U 1 3 6	250,000	T	S 0 1 S 0 2 T 0 1	
4 45	U 1 3 7	250,000	T	S 0 1 S 0 2 T 0 1	
4 46	U 1 3 8	250,000	T	S 0 1 S 0 2 T 0 1	
4 47	U 1 3 9	250,000	T	S 0 1 S 0 2 T 0 1	
4 48	U 1 4 0	250,000	T	S 0 1 S 0 2 T 0 1	
4 49	U 1 4 1	250,000	T	S 0 1 S 0 2 T 0 1	
4 50	U 1 4 2	250,000	T	S 0 1 S 0 2 T 0 1	
4 51	U 1 4 3	250,000	T	S 0 1 S 0 2 T 0 1	
4 52	U 1 4 4	250,000	T	S 0 1 S 0 2 T 0 1	
4 53	U 1 4 5	250,000	T	S 0 1 S 0 2 T 0 1	
4 54	U 1 4 6	250,000	T	S 0 1 S 0 2 T 0 1	
4 55	U 1 4 7	250,000	T	S 0 1 S 0 2 T 0 1	
4 56	U 1 4 8	250,000	T	S 0 1 S 0 2 T 0 1	
4 57	U 1 4 9	250,000	T	S 0 1 S 0 2 T 0 1	
4 58	U 1 5 0	250,000	T	S 0 1 S 0 2 T 0 1	
4 59	U 1 5 1	250,000	T	S 0 1 S 0 2 T 0 1	
4 60	U 1 5 2	250,000	T	S 0 1 S 0 2 T 0 1	
4 61	U 1 5 3	250,000	T	S 0 1 S 0 2 T 0 1	
4 62	U 1 5 4	250,000	T	S 0 1 S 0 2 T 0 1	

*Process Codes are the same for every EPA Hazardous Waste No.

Form Approved. OMB No. 2050-0034 Expires 12-31-91
GSA No. 0249-EPA-DT

EPA I.D. Number *(enter from page 1)*: L A D 0 0 0 7 7 7 2 0 1

Secondary I.D. Number *(enter from page 1)*:

XIV. Description of Hazardous Wastes *(continued)*

Line Number	A. EPA HAZARDOUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESS (1) PROCESS CODES (enter)	D. PROCESS (2) PROCESS DESCRIPTION (if a code is not entered in D(1))
4 63	U 1 5 5	250,000	T	S 0 1 S 0 2 T 0 1	
4 64	U 1 5 6	250,000	T	S 0 1 S 0 2 T 0 1	
4 65	U 1 5 7	250,000	T	S 0 1 S 0 2 T 0 1	
4 66	U 1 5 8	250,000	T	S 0 1 S 0 2 T 0 1	
4 67	U 1 5 9	250,000	T	S 0 1 S 0 2 T 0 1	
4 68	U 1 6 0	250,000	T	S 0 1 S 0 2 T 0 1	
4 69	U 1 6 1	250,000	T	S 0 1 S 0 2 T 0 1	
4 70	U 1 6 2	250,000	T	S 0 1 S 0 2 T 0 1	
4 71	U 1 6 3	250,000	T	S 0 1 S 0 2 T 0 1	
4 72	U 1 6 4	250,000	T	S 0 1 S 0 2 T 0 1	
4 73	U 1 6 5	250,000	T	S 0 1 S 0 2 T 0 1	
4 74	U 1 6 6	250,000	T	S 0 1 S 0 2 T 0 1	
4 75	U 1 6 7	250,000	T	S 0 1 S 0 2 T 0 1	
4 76	U 1 6 8	250,000	T	S 0 1 S 0 2 T 0 1	
4 77	U 1 6 9	250,000	T	S 0 1 S 0 2 T 0 1	
4 78	U 1 7 0	250,000	T	S 0 1 S 0 2 T 0 1	
4 79	U 1 7 1	250,000	T	S 0 1 S 0 2 T 0 1	
4 80	U 1 7 2	250,000	T	S 0 1 S 0 2 T 0 1	
4 81	U 1 7 3	250,000	T	S 0 1 S 0 2 T 0 1	
4 82	U 1 7 4	250,000	T	S 0 1 S 0 2 T 0 1	
4 83	U 1 7 6	250,000	T	S 0 1 S 0 2 T 0 1	
4 84	U 1 7 7	250,000	T	S 0 1 S 0 2 T 0 1	
4 85	U 1 7 8	250,000	T	S 0 1 S 0 2 T 0 1	
4 86	U 1 7 9	250,000	T	S 0 1 S 0 2 T 0 1	
4 87	U 1 8 0	250,000	T	S 0 1 S 0 2 T 0 1	
4 88	U 1 8 1	250,000	T	S 0 1 S 0 2 T 0 1	
4 89	U 1 8 2	250,000	T	S 0 1 S 0 2 T 0 1	
4 90	U 1 8 3	250,000	T	S 0 1 S 0 2 T 0 1	
4 91	U 1 8 4	250,000	T	S 0 1 S 0 2 T 0 1	
4 92	U 1 8 5	250,000	T	S 0 1 S 0 2 T 0 1	
4 93	U 1 8 6	250,000	T	S 0 1 S 0 2 T 0 1	
4 94	U 1 8 7	250,000	T	S 0 1 S 0 2 T 0 1	
4 95	U 1 8 8	250,000	T	S 0 1 S 0 2 T 0 1	

*Process Codes are the same for every EPA Hazardous Waste No.

Form Approved. OMB No. 2050-0034 Expires 12-31-91
GSA No. 0246-EPA-GT

EPA I.D. Number *(enter from page 1)*: L A D 0 0 0 7 7 7 2 0 1

Secondary I.D. Number *(enter from page 1)*:

XIV. Description of Hazardous Wastes *(continued)*

Line Number	A. EPA HAZARDOUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESS (1) PROCESS CODES (enter)	D. PROCESS (2) PROCESS DESCRIPTION (if a code is not entered in D(1))
4 96	U 1 8 9	250,000	T	S 0 1 S 0 2 T 0 1	
4 97	U 1 9 0	250,000	T	S 0 1 S 0 2 T 0 1	
4 98	U 1 9 1	250,000	T	S 0 1 S 0 2 T 0 1	
4 99	U 1 9 2	250,000	T	S 0 1 S 0 2 T 0 1	
5 00	U 1 9 3	250,000	T	S 0 1 S 0 2 T 0 1	
5 01	U 1 9 4	250,000	T	S 0 1 S 0 2 T 0 1	
5 02	U 1 9 6	250,000	T	S 0 1 S 0 2 T 0 1	
5 03	U 1 9 7	250,000	T	S 0 1 S 0 2 T 0 1	
5 04	U 2 0 0	250,000	T	S 0 1 S 0 2 T 0 1	
5 05	U 2 0 1	250,000	T	S 0 1 S 0 2 T 0 1	
5 06	U 2 0 2	250,000	T	S 0 1 S 0 2 T 0 1	
5 07	U 2 0 3	250,000	T	S 0 1 S 0 2 T 0 1	
5 08	U 2 0 4	250,000	T	S 0 1 S 0 2 T 0 1	
5 09	U 2 0 5	250,000	T	S 0 1 S 0 2 T 0 1	
5 10	U 2 0 6	250,000	T	S 0 1 S 0 2 T 0 1	
5 11	U 2 0 7	250,000	T	S 0 1 S 0 2 T 0 1	
5 12	U 2 0 8	250,000	T	S 0 1 S 0 2 T 0 1	
5 13	U 2 0 9	250,000	T	S 0 1 S 0 2 T 0 1	
5 14	U 2 1 0	250,000	T	S 0 1 S 0 2 T 0 1	
5 15	U 2 1 1	250,000	T	S 0 1 S 0 2 T 0 1	
5 16	U 2 1 3	250,000	T	S 0 1 S 0 2 T 0 1	
5 17	U 2 1 4	250,000	T	S 0 1 S 0 2 T 0 1	
5 18	U 2 1 5	250,000	T	S 0 1 S 0 2 T 0 1	
5 19	U 2 1 6	250,000	T	S 0 1 S 0 2 T 0 1	
5 20	U 2 1 7	250,000	T	S 0 1 S 0 2 T 0 1	
5 21	U 2 1 8	250,000	T	S 0 1 S 0 2 T 0 1	
5 22	U 2 1 9	250,000	T	S 0 1 S 0 2 T 0 1	
5 23	U 2 2 0	250,000	T	S 0 1 S 0 2 T 0 1	
5 24	U 2 2 1	250,000	T	S 0 1 S 0 2 T 0 1	
5 25	U 2 2 2	250,000	T	S 0 1 S 0 2 T 0 1	
5 26	U 2 2 3	250,000	T	S 0 1 S 0 2 T 0 1	
5 27	U 2 2 5	250,000	T	S 0 1 S 0 2 T 0 1	
5 28	U 2 2 6	250,000	T	S 0 1 S 0 2 T 0 1	

*Process Codes are the same for every EPA Hazardous Waste No.

Form Approved. OMB No. 2050-0034 Expires 12-31-91
GSA No. 0246-EPA-OT

EPA I.D. Number *(enter from page 1)*: L A D 0 0 0 7 7 7 2 0 1

Secondary I.D. Number *(enter from page 1)*:

XIV. Description of Hazardous Wastes *(continued)*

Line Number	A. EPA HAZARDOUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESS (1) PROCESS CODES (enter)	D. PROCESS (2) PROCESS DESCRIPTION (If a code is not entered in D(1))
5 29	U227	250,000	T	S01 S02 T01	
5 30	U228	250,000	T	S01 S02 T01	
5 31	U233	250,000	T	S01 S02 T01	
5 32	U234	250,000	T	S01 S02 T01	
5 33	U235	250,000	T	S01 S02 T01	
5 34	U236	250,000	T	S01 S02 T01	
5 35	U237	250,000	T	S01 S02 T01	
5 36	U238	250,000	T	S01 S02 T01	
5 37	U239	250,000	T	S01 S02 T01	
5 38	U240	250,000	T	S01 S02 T01	
5 39	U243	250,000	T	S01 S02 T01	
5 40	U244	250,000	T	S01 S02 T01	
5 41	U246	250,000	T	S01 S02 T01	
5 42	U247	250,000	T	S01 S02 T01	
5 43	U248	250,000	T	S01 S02 T01	
5 44	U249	250,000	T	S01 S02 T01	
5 45	U271	250,000	T	S01 S02 T01	
5 46	U277	250,000	T	S01 S02 T01	
5 47	U278	250,000	T	S01 S02 T01	
5 48	U279	250,000	T	S01 S02 T01	
5 49	U280	250,000	T	S01 S02 T01	
5 50	U328	250,000	T	S01 S02 T01	
5 51	U353	250,000	T	S01 S02 T01	
5 52	U359	250,000	T	S01 S02 T01	
5 53	U364	250,000	T	S01 S02 T01	
5 54	U365	250,000	T	S01 S02 T01	
5 55	U366	250,000	T	S01 S02 T01	
5 56	U367	250,000	T	S01 S02 T01	
5 57	U372	250,000	T	S01 S02 T01	
5 58	U373	250,000	T	S01 S02 T01	
5 59	U375	250,000	T	S01 S02 T01	
5 60	U376	250,000	T	S01 S02 T01	
5 61	U377	250,000	T	S01 S02 T01	

*Process Codes are the same for every EPA Hazardous Waste No.

Form Approved. OMB No. 2050-0034 Expires 12-31-91
GSA No. 0246-EPA-GT

EPA I.D. Number *(enter from page 1)*: L A D 0 0 0 7 7 7 2 0 1

Secondary I.D. Number *(enter from page 1)*:

XIV. Description of Hazardous Wastes *(continued)*

Line Number	A. EPA HAZARDOUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESS (1) PROCESS CODES (enter)	D. PROCESS (2) PROCESS DESCRIPTION (if a code is not entered in D(1))
5 62	U 3 7 8	250,000	T	S 0 1 S 0 2 T 0 1	
5 63	U 3 7 9	250,000	T	S 0 1 S 0 2 T 0 1	
5 64	U 3 8 1	250,000	T	S 0 1 S 0 2 T 0 1	
5 65	U 3 8 2	250,000	T	S 0 1 S 0 2 T 0 1	
5 66	U 3 8 3	250,000	T	S 0 1 S 0 2 T 0 1	
5 67	U 3 8 4	250,000	T	S 0 1 S 0 2 T 0 1	
5 68	U 3 8 5	250,000	T	S 0 1 S 0 2 T 0 1	
5 69	U 3 8 6	250,000	T	S 0 1 S 0 2 T 0 1	
5 70	U 3 8 7	250,000	T	S 0 1 S 0 2 T 0 1	
5 71	U 3 8 9	250,000	T	S 0 1 S 0 2 T 0 1	
5 72	U 3 9 0	250,000	T	S 0 1 S 0 2 T 0 1	
5 73	U 3 9 1	250,000	T	S 0 1 S 0 2 T 0 1	
5 74	U 3 9 2	250,000	T	S 0 1 S 0 2 T 0 1	
5 75	U 3 9 3	250,000	T	S 0 1 S 0 2 T 0 1	
5 76	U 3 9 4	250,000	T	S 0 1 S 0 2 T 0 1	
5 77	U 3 9 5	250,000	T	S 0 1 S 0 2 T 0 1	
5 78	U 3 9 6	250,000	T	S 0 1 S 0 2 T 0 1	
5 79	U 4 0 0	250,000	T	S 0 1 S 0 2 T 0 1	
5 80	U 4 0 1	250,000	T	S 0 1 S 0 2 T 0 1	
5 81	U 4 0 2	250,000	T	S 0 1 S 0 2 T 0 1	
5 82	U 4 0 3	250,000	T	S 0 1 S 0 2 T 0 1	
5 83	U 4 0 4	250,000	T	S 0 1 S 0 2 T 0 1	
5 84	U 4 0 7	250,000	T	S 0 1 S 0 2 T 0 1	
5 85	U 4 0 9	250,000	T	S 0 1 S 0 2 T 0 1	
5 86	U 4 1 0	250,000	T	S 0 1 S 0 2 T 0 1	
5 87	U 4 1 1	250,000	T	S 0 1 S 0 2 T 0 1	

*Process Codes are the same for every EPA Hazardous Waste No.

EPA I.D. Number *(enter from page 1)*												Secondary I.D. Number *(enter from page 1)*											
L	A	D	0	0	0	7	7	7	2	0	1												

XIV. Description of Hazardous Wastes *(continued)*

E. USE THIS SPACE TO LIST ADDITIONAL PROCESS CODES FROM ITEM D(1) ON PAGE 6.

Line Number	Additional Process Codes *(enter)*																								
ALL	*	T	0	4	D	8	0																		

XV. Map

Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in this map area. See instructions for precise requirements.

XV. Facility Drawing

All existing facilities must include a scale drawing of the facility (see instructions for more detail).

XV. Photographs

All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas (see instructions for more detail).

XV. Certification(s)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or person who manage the system, or those person directly responsible for gathering the information, the information submitted is to be the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Owner Signature (signed)	Date Signed
	November 7, 1995
Name and Office Title (type or print)	
Bernie Laverentz, President Southwest Region	
Operator Signature (signed)	Date Signed
	November 7, 1995
Name and Office Title (type or print)	
Bernie Laverentz, President Southwest Region	

XIX. Comments

*While the instructions for item XIV specifically addresses hazardous waste described by more than one EPA waste code, it is possible that CWM could handle any or all combinations of the waste listed in item XIV. It is virtually impossible for CWM to list all possible combinations of these waste in this permit.

Please see Attachment 1 for additional information on process handling codes.

Note: Mail completed *form to the appropriate EPA Regional or State Office. (Refer to instructions for more information)*

*Process Codes are the same for every EPA Hazardous Waste No.

CHEMICAL WASTE MANAGEMENT, INC.
LAKE CHARLES FACILITY
LAD000777201

PART A APPLICATION - ATTACHMENT 1

PROCESS CODES			
S01 CONTAINER STORAGE			**CAPACITY, gal**
Container Management Unit 1 (existing) Building 201	maximum liquid capacity additional capacity solids only	2,457 dr @ 55 gal 1,956 dr @ 55 gal 4,413	135,135 107,580 **242,715**
Container Management Unit 2 (proposed) Building 203	maximum liquid capacity additional capacity solids only	1,052 dr @ 55 gal 640 dr @ 55 gal	57,860 35,200 **93,060**
Transportation Staging Building 801	Combinations of below, maximum volume calculated for each type		
	liquid/sludge transports	40 units @ 6,000 gal	240,000
	drums (liquid/sludge)	40 units @ 109 dr @ 55 gal	239,800
	drums (solids only)	40 units @ 220 dr @ 55 gal	484,000
	roll-off boxes (solids only)	80 units @ 30 yd^3 @ 27 $\frac{ft^3}{yd^3}$ x 7.48 $\frac{gal}{ft^3}$	484,704
Transportation Staging Building 802	drums (solids only)	40 units @ 220 dr @ 55 gal	484,000
	roll-off boxes (solids only)	80 units @ 30 yd^3 @ 27 $\frac{ft^3}{yd^3}$ x 7.48 $\frac{gal}{ft^3}$	484,704
Containment Building 301	roll-off boxes (solids only)	12 units @ 30 yd^3 @ 27 $\frac{ft^3}{yd^3}$ x 7.48 $\frac{gal}{ft^3}$	72,706
	solid materials	2500 yd @ 27 $\frac{ft^3}{yd^3}$ x 7.48 gal	**504,900**

PART A APPLICATION - ATTACHMENT 1

Summary	Container Management Unit 1 (existing)	242,715
	Container Management Unit 2 (proposed)	93,060
	Transportation Staging Building (exiting)	484,704
	Transportation Staging Building (proposed)	484,704
	Containment Building (proposed)	504,900
	Total S01 Capacity	**1,810,083**

C20000

PART A APPLICATION - ATTACHMENT 1

PROCESS CODES					
S02 TANK STORAGE					
PROCESS CODE	TANK NO.	STATUS	DESIGN CAPACITY, GAL	MAX OPERATING CAPACITY GAL[1]	CAPACITY, gal THIS APPLICATION
S02	T101	Existing	8,500	8,075	8,075
	T501	Existing	1,006,900	956,555	956,555
	T502	Existing	1,006,900	956,555	956,555
	T503	Proposed	1,006,900	956,555	956,555
	T504	Proposed	1,006,900	956,555	956,555
	T505	Proposed	1,006,900	956,555	956,555
	T506	Proposed	1,006,900	956,555	956,555
	T901	Existing	5,000	4,750	4,750
	T902	Closed	17,000	16,150	Closed
	T903	Existing	17,000	16,150	16,150
	T904	Existing	17,000	16,150	16,150
	T905	Existing	13,000	12,350	12,350
	T906	Proposed	33,874	32,180	32,180
	T907	Proposed	33,874	32,180	32,180
					5,861,165[2]

[1]Maximum Operating Capacity calculated as 95% of Design Capacity

[2]Changed due to closure of T902

PART A APPLICATION - ATTACHMENT 1

TREATMENT CODES						
T01 TREATMENT IN TANKS						
TREATMENT/TANK	AREA	TANK NUMBER	STATUS	DESIGN CAPACITY gal[1]	MAXIMUM OPERATING CAPACITY gal[3]	TREATMENT CAPACITY gal/day
Truckwash 1. Truckwash Receiving Tank	Truckwash	T102	Existing	25,435	19,387	50,000
Decant Tanks	Decant					
1. Decant Surge Tank		T201	Existing	850	700	26,000
2. Decant Surge Tank		T202	Existing	850	700	26,000
3. Phase Separation Tank		T203	Existing	14,500	13,000	26,000
4. Phase Separation Tank		T204	Existing	14,500	13,000	26,000
5. Sludge Holding Tank		T205	Existing	2,250	2,000	20,000
						124,000
Drum Processing Tanks						
1. Receiving Tank		T220	Proposed	400	380	27,550
2. Solvent Flush Tank		T221	Proposed	400	380	27,550
3. Waste Holding Tank		T222	Proposed	14,500	13,775	27,550
4. Waste Holding Tank		T223	Proposed	14,500	13,775	27,550
						110,200

[1]Maximum operating capacity as specified on Tank Data Sheet unless noted otherwise.
[2]The total volume of waste treated in Stabilization Mixing Basins (T303 and T304) cannot exceed 200,000 gal/day.
[3]Maximum Operating Capacity calculated as 95% of Design Capacity.

PART A APPLICATION - ATTACHMENT 1

TREATMENT CODES						
T01 TREATMENT IN TANKS						
TREATMENT/TANK	AREA	TANK NUMBER	STATUS	DESIGN CAPACITY gal[1]	MAXIMUM OPERATING CAPACITY gal[3]	TREATMENT CAPACITY gal/day
Bulk Liquid Processing Tanks	Decant					
1. Waste Blending Tank		T206	Existing	20,300	19,000	38,000
2. Waste Blending Tank		T207	Proposed	20,300	19,000	38,000
3. Aqueous Waste Holding Tank		T208	Existing	21,400	20,000	40,000
4. Aqueous Waste Holding Tank		T209	Proposed	21,400	20,000	40,000
5. Phase Separation Tank		T210	Existing	14,500	13,000	26,000
6. Phase Separation Tank		T211	Existing	14,500	13,000	26,000
7. Waste Blending Tank		T213	Existing	17,000	16,000	32,000
8. Waste Blending Tank		T214	Existing	17,000	16,000	32,000
9. Waste Blending Tank		T215	Existing	17,000	16,000	32,000
						304,000
Aqueous Waste Treatment						
1. Aqueous Waste Treatment Tank	Aqueous Waste	T212	Existing	17,000	16,000	32,000

NOTE: Piping allows two tanks (T206 and T208) to be used as either Decant Tanks or Bulk Liquid Processing Tanks

[1]Maximum operating capacity as specified on Tank Data Sheet unless noted otherwise.
[2]The total volume of waste treated in Stabilization Mixing Basins (T303 and T304) cannot exceed 200,000 gal/day.
[3]Maximum Operating Capacity calculated as 95% of Design Capacity.

PART A APPLICATION - ATTACHMENT 1

TREATMENT CODES						
T01 TREATMENT IN TANKS						
TREATMENT/TANK	**AREA**	**TANK NUMBER**	**STATUS**	**DESIGN CAPACITY gal[1]**	**MAXIMUM OPERATING CAPACITY gal[3]**	**TREATMENT CAPACITY gal/day**
Stabilization	Stabilization					
1. Stabilization Mixing Basin		T303	Existing	17,309	16,440	100,000[2]
2. Stabilization Mixing Basin		T304	Existing	17,309	16,440	100,000[2]
3. Pre-Treatment Tank		T305	Proposed	20,625	19,594	65,000
4. Pre-Treatment Tank		T306	Existing	20,625	19,594	65,000
						330,000
Waste Water Treatment Pilot Plant	WWT Pilot Plant					
1. Product Tank		T601	Existing	300	250	1,500
2. Feed Tank		T602	Existing	550	500	1,500
						3,000
Total T01 Treatment Capacity						**953,200 gal/day**

[1]Maximum operating capacity as specified on Tank Data Sheet unless noted otherwise.
[2]The total volume of waste treated in Stabilization Mixing Basins (T303 and T304) cannot exceed 200,000 gal/day.
[3]Maximum Operating Capacity calculated as 95% of Design Capacity.

000032

PART A APPLICATION - ATTACHMENT 1

TREATMENT CODES			
T04 OTHER TREATMENT CODES			
A. Container Decant/Filling/Processing Decant/Filling/Processing Drum Processing Drum Filling/Processing	 Building 204 Building 203 Building 205	 Existing Proposed Proposed	 960 drums/day 480 drums/day 960 drums/day 2400 drums/day x 55 gal/drum = 132,000 gal/day
B. Aqueous Waste Treatment (static mixer)		Existing	32,000 gal/day
C. Stabilization Size Reduction/Screening I-1, I-2, I-3, I-4, I-5		 Proposed	 2240 gal/hr
D. Containment Building Treatment	Building 301	Proposed	504,900 gal/day

0000033

PART A APPLICATION - ATTACHMENT 1

TREATMENT CODES				
E.	Immobilization (Microencapsulation, Macroencapsulation, Sealing) will be performed at the following locations:			**2,000 N**
	Microencapsulation		Existing	
	Containment Building 301		Existing	
	Stabilization Mixing Basins: T303, T304			
	Macroencapsulation		Existing	
	Containment Building 301		Existing	
	Stabilization Unit: Building 302		Existing	
	Bulk Unloading/Loading Unit: Building 202		Existing	
	Drum Decant/Filling Unit: Building 204		Existing	
	Transportation Staging Building: Building 801			
	Sealing		Existing	
	Containment Building 301		Existing	
	Stabilization Unit: Building 302		Existing	
	Bulk Unloading/Loading Unit: Building 202		Existing	
	Transportation Staging Building: Building 801		Existing	
DISPOSAL CODES				
D80	Includes Cells 5, 6, 7 and 14			
	Cell 5 = 500,000 yd^3		Closed	309.92
	Cell 14 = 525,000 yd^3		Closed	325.42
	Cell 6 = 4,064,000 yd^3		Existing	473.56A*
	Cell 7 = 2,100,000 yd^3		Proposed	1302.68A*
	Cell 8 = 6,536,000 yd^3		Proposed	4051.35A*
	Total = 13,725,000 yd^3			5827.59A*

*Instructions for completion of EPA Form 8700-23 (01-90) Page 10, Item XII states that "The design capacity of injection wells and landfills at existing facilities should be measured as the remaining, unused capacity."

PART A APPLICATION - ATTACHMENT 1

Handling codes used to treat, store or dispose of waste (40 CFR 265 Appendix I Table 2 - Handling Codes for Treatment, Storage and Disposal Methods) are:

1. Storage

S01 Container (barrel, drum, etc.)
S02 Tank

2. Treatment

(b) Chemical Treatment

T21 Chemical fixation
T22 Chemical oxidation
T23 Chemical precipitation
T24 Chemical reduction
T27 Cyanide destruction
T29 Detoxification
T31 Neutralization
T34(1) Catalytic Oxidation
T34(2) Hydrolysis

(c) Physical Treatment
(1) Separation of Components

T35 Centrifugation
T37 Coagulation
T38 Decanting
T39 Encapsulation
T40 Filtration
T41 Flocculation
T44 Sedimentation
T45 Thickening
T46 Ultrafiltration
T47(1) Surge capacity for Container Decant
T47(2) Phase separation (Aqueous, Organic, and/or Sludge)
T47(3) Surge capacity for Drum Processing
T47(4) Drum shearing/shredding
T47(5) Impact Crusher
T47(6) Shredder
T47(7) Sealing

(2) Removal of Specific Components

T50 Blending
T54 Distillation
T57 Evaporation
T64 Stripping
T66(1) Fuels Recovery

3. Disposal

D81 Landfill

000033

TABLE OF CONTENTS

TABLE OF CONTENTS

TABLE OF CONTENTS

TABLE OF CONTENTS

TABLE OF CONTENTS

TABLE OF CONTENTS

LIST OF ATTACHMENTS

BODY OF THE PERMIT

HAZARDOUS WASTE PERMIT

for

CHEMICAL WASTE MANAGEMENT, INCORPORATED

CALCASIEU PARISH

7170 John Brannon Road
Carlyss, Louisiana

Permit Number LAD000777201-OP-1

I. PERMIT PREAMBLE

This permit is issued to Chemical Waste Management, Incorporated, Carlyss Facility (hereinafter referred to as the permittee) by the Louisiana Department of Environmental Quality (LDEQ) under authority of the Louisiana Hazardous Waste Control Law R.S. 30:2171 et seq., and the regulations adopted thereunder (Louisiana Administrative Code, Title 33, Part V, Subpart 1) and by the U.S. Environmental Protection Agency (USEPA) under the authority of the 1984 Hazardous and Solid Waste Amendments (HSWA) to the Resource Conservation and Recovery Act (RCRA).

For the purposes of this permit, "administrative authority" shall mean the Secretary of the Louisiana Department of Environmental Quality (LDEQ), or his/her designee or, in the case of HSWA provisions (40 CFR, Part 264, Subpart DD - Containment Buildings and portions of 40 CFR 264.101 - Corrective Action for Solid Waste Management Units with off-site releases) for which the state is not authorized, the U.S. Environmental Protection Agency shall be the administrative authority. Upon authorization to administer these Sections, the LDEQ will be the administrative authority for the permit in its entirety.

This permit is based on information submitted in the permit application, and all subsequent submittals, and on the applicant's certification that such information is accurate and that all facilities were or will be constructed and operated as specified in the application.

This permit is conditioned upon full compliance with all applicable provisions of the Louisiana Hazardous Waste Control Law and the regulations adopted hereunder which are in effect on the date of issuance.

All definitions contained in this permit shall have the meaning as defined in Louisiana Administrative Code, Title 33, Part V, Subpart 1, unless otherwise stated herein.

II. GENERAL PERMIT CONDITIONS

A. DURATION OF PERMIT

This permit is effective as of the date indicated on the accompanying signature page and shall remain in effect for a period of ten (10) years from the effective date, unless revoked, reissued, modified or terminated for just cause.

B. EFFECT OF PERMIT

The permittee is allowed to treat, store or dispose of hazardous waste in accordance with the conditions of this permit. Any treatment, storage or disposal of hazardous waste not authorized by statute, regulation or this permit is prohibited. Compliance with this permit, LAC 33:V.Subpart 1, and HSWA constitutes compliance, for purposes of enforcement, with Subtitle C of RCRA and Chapter 9 of the Louisiana Environmental Quality Act (hereinafter referred to as the "Act"). However, compliance with the terms of this permit does not constitute a defense to any order issued or any action brought under Section 3013 or Section 7003 or RCRA, or under Section 106(a) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. 9606 (a)).

Issuance of this permit does not convey property rights of any sort or any exclusive privilege; nor does it authorize any injury to persons or property, any invasion of other private rights, or any infringement of State or local law or regulations.

C. PERMIT ACTIONS

In accordance with LAC 33:V.309.F and 323, the administrative authority may suspend, modify, revoke and reissue, or terminate a permit during its term or deny a permit renewal application subject to the limitations of LAC 33:V.323.

D. SEVERABILITY

The conditions of this permit are severable and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

E. DUTIES AND REQUIREMENTS

1. Duty to Comply

The permittee shall comply with all conditions of this permit, except to the extent and for the duration such noncompliance may be authorized by an emergency permit. Any permit noncompliance, other than noncompliance authorized by an emergency permit (LAC 33:V.701), constitutes a violation of the Louisiana Administrative Code, Title 33,

Part V, Subpart 1 and the Act and is grounds for enforcement action which may include permit termination, permit revocation and reissuance, permit modification, or denial of a permit renewal application.

2. Duty to Reapply

If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must reapply for the permit as required by the Louisiana Administrative Code, Title 33, Part V, Subpart 1.

3. Permit Extension

This permit and all conditions herein will remain in effect beyond the permit's expiration date until the administrative authority issues a final decision on the re-application, provided the permittee has submitted a timely, complete new permit application as provided in LAC 33:V.303.N.

4. Need to Halt or Reduce Activity Not a Defense

It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

5. Duty to Mitigate

The permittee shall immediately take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with this permit.

6. Proper Operation and Maintenance

The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of the permit.

7. Duty to Provide Information

The permittee shall furnish to the administrative authority, within a reasonable time, any information which the administrative authority may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The permittee shall also furnish to the administrative authority, upon request, copies of records required by this permit.

8. Inspection and Entry 000045

The permittee shall allow the administrative authority or an authorized representative, promptly upon the presentation of credentials and other documents as may be required by law, to:

a) enter upon the permittee's premises where a regulated activity is located or conducted, or where records must be maintained under the conditions of this permit;

b) have access to and copy, at reasonable times, any records that must be maintained under the conditions of this permit;

c) inspect, at reasonable times, any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and

d) sample or monitor, at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the administrative authority any substances or parameters at any location.

9. Monitoring and Records

a) Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity. The method to be used by the laboratory for analysis or the method used to obtain a representative sample of the waste to be analyzed must be the appropriate method from Appendix I of 40 CFR Part 261. Test Methods for Evaluating Solid Waste: Physical/Chemical Methods, SW-846, Third Edition, 1986, as revised; Standard Methods for the Examination of Water and Wastewater, Sixteenth Edition, 1985, as revised; Manual of Ground Water Quality Sampling Procedures, 1981, EPA-600/2-81-160, as revised; Procedures Manual for Ground Water Monitoring at Solid Waste Disposal Facilities, 1977, EPA-530/SW-611, as revised; or an equivalent method as specified in the attached Waste Analysis Plan (Attachment 1), or other LDEQ/EPA authorized methods, with the approval of the administrative authority.

b) Records of groundwater, surface water, and air monitoring information shall include:

(1) the date, place and time of sampling of measurements;

(2) the individual(s) who performed the sampling measurements;

(3) the date(s) analyses were performed;

(4) the individual(s) who performed the analysis; 000047

(5) the analytical techniques or methods used;

(6) the results of such analyses; and

(7) associated quality assurance/quality control performance data.

10. Retention of Records

The permittee shall maintain records from all groundwater monitoring wells and associated groundwater surface elevations for the active life of the facility and for the post-closure care period.

The permittee shall retain records of all other monitoring information, including all calibration and maintenance records and all original strip chart recordings of continuous monitoring instrumentation, and copies of all reports and records required by this permit, for a period of at least three (3) years from the date of the sample, measurement, report of record except where otherwise required by this permit, or by order of the administrative authority. The permittee shall, for the life of the permit, maintain records of all data used to complete the application for this permit and any supplemental information submitted under the Hazardous Waste Program of Louisiana. These periods may be extended by request of the administrative authority at any time and are automatically extended during the course of any unresolved enforcement action regarding this facility.

11. Notices of Planned Physical Facility Changes

The permittee shall give notice to the administrative authority, as soon as possible, of any planned physical alterations or additions to the permitted facility, in accordance with LAC 33:V.309.L.1 and LAC 33:V.321.

12. Prior Notice and Prior Inspection for New and Modified Facilities

In accordance with LAC 33:V.309.L.3, for a new facility, the permittee may not treat, store, or dispose of hazardous waste; and for a facility being modified, the permittee may not treat, store, or dispose of hazardous waste in the modified portion of the facility until:

a. the permittee has submitted to the administrative authority by certified mail or hand delivery a letter signed by the permittee and a independent Louisiana registered professional engineer stating that the facility has been constructed or modified in compliance with the permit; and

b. the administrative authority has inspected the newly constructed or newly modified facility and finds it is in compliance with the conditions of the permit and issues an Order to Proceed, or within 15 days of receipt of the letter in LAC 33:V.303.I.1, if the permittee has not received notice from the administrative authority of his or her intent to inspect, prior inspection is waived and the permittee may commence treatment, storage, or disposal of hazardous waste. Upon receipt of a letter of intent to inspect by the administration authority, the permittee shall comply with the requirements of LAC 33:V.303.I.2.

13. Anticipated Noncompliance

The permittee shall give advance notice to the administrative authority of any planned changes in the permitted facility or activity that may result in noncompliance with permit requirements.

14. Transfer of Permits

This permit may be transferred to a new owner or operator only if it is modified or revoked and reissued pursuant to LAC 33:V.309.L.4, 321.B, 321.C.4 and 1531. Before transferring ownership or operation of the facility during the post-closure care period, the permittee shall notify the new owner or operator in writing of all the requirements of Louisiana Administrative Code, Title 33, Part V, Subpart 1.

15. Compliance Schedules

Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than fourteen (14) working days following each schedule date.

16. Noncompliance Reporting

The permittee shall report orally within twenty-four hours any noncompliance with the permit that may endanger human health or the environment, except where more immediate notification is required by LAC 33:I.3901, *et seq.* ("Notification Regulations and Procedures for Unauthorized Discharges"), as amended. This report shall include the following:

a) information concerning the release of any hazardous waste that may endanger the public drinking water supplies; and

b) information concerning the release or discharge of any hazardous waste, or of a fire or explosion at the facility, that could threaten the environment or human health outside the facility. The description of the occurrence and its cause shall include:

(1) name, address, and telephone number of the owner or operator;

(2) name, address, and telephone number of the facility;

(3) date, time, type of incident;

(4) name and quantity of materials involved;

(5) the extent of injuries, if any;

(6) an assessment of actual or potential hazard to the environment and human health outside the facility, where this is applicable; and

(7) estimated quantity and disposition of recovered material that resulted from the incident.

17. Follow-up Written Report of Noncompliance

The permittee shall provide a written submission within five (5) working days after the time the permittee becomes aware of any noncompliance which may endanger human health or the environment. However, where more immediate submission is required by LAC 33:I.3901, *et seq.*, ("Notification Regulations and Procedures for Unauthorized Discharges"), as amended, the report shall be submitted in accordance with those regulations. The written submission shall contain a description of the noncompliance and its cause; the periods of noncompliance (including exact dates and times); whether the noncompliance has been corrected; and if not, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. The permittee need not comply with the five day written notice requirement if the administrative authority waives the requirement and the permittee submits a written report within fifteen (15) working days after the time the permittee becomes aware of the circumstances.

18. Other Noncompliance

The permittee shall report all other instances of noncompliance not otherwise required to be reported above, at the time required monitoring reports are submitted. The reports shall contain the information listed in Section II.E.16 above.

19. Other Information

Whenever the permittee becomes aware that it failed to submit any relevant facts in the permit application, or that it submitted incorrect information in a permit application, or in any report to the administrative authority, the permittee shall promptly submit such facts or information.

20. Signatory Requirement

All applications, reports or other information submitted to the administrative authority shall be signed and certified according to LAC 33:V.507, 509, 511 and 513.

21. Schedule of Compliance

a) Procedures used to ensure that the hazardous waste received matches the identity of the waste on the accompanying manifest, as required by LAC 33:V.1519.C shall consist of the chemical/physical analyses described in Section 5.0 of the Waste Analysis Plan.

For waste streams that need to have the halogen content determined, the facility will use more scientifically advanced methods outlined in the Waste Analysis Plan. The permittee must also comply with the specific stabilization procedures which are designed to meet the appropriate land disposal restricted waste treatment standards, as described in the Waste Analysis Plan.

b) Within ninety (90) days from the date of issuance of this permit, the permittee must propose, for review and approval by the administrative authority, Action Leakage Rates for disposal modules associated with Cells 6 and 7, in accordance with LAC 33:V.2504. Within ninety (90) days from the date of approval of the Action Leakage Rates by the administrative authority, the permittee shall submit, for review and approval by the administrative authority, a Response Action Plan (RAP) for Cells 6 and 7, prepared in accordance with Federal Register Vo. 57, No. 19, dated January 29, 1992 (or subsequent revisions) and with LAC 33:V.2504. The RAP will describe the criteria used to evaluate the systems and the responses required to address liquids in the leachate detection collection, and removal systems (LDCRS) for cells constructed at the site that meet minimum technology requirement having compacted clay and synthetic membrane liner systems. The RAP will also address potential sources of liquids. Responses to the detection of fluid in these systems may include no action, modifying operating procedures, repairing the liner system if possible, and when appropriate, notification to the administrative authority (See VIII.B.10).

c) No later than 180 days before planned waste disposal in disposal modules associated with Cell 8, the permittee must propose, for review and approval by the administrative authority, Action Leakage Rates for disposal modules associated with Cell 8, in accordance with LAC 33:V.2504. Within ninety (90) days from the date of approval of the Action Leakage Rates by the administrative authority, the permittee shall submit, for review

and approval by the administrative authority, a Response Action Plan (RAP) for Cell 8, prepared in accordance with Federal Register Vo. 57, No. 19, dated January 29, 1992 (or subsequent revisions) and with LAC 33:V.2504. The RAP will describe the criteria used to evaluate the systems and the responses required to address liquids in the leachate detection collection, and removal systems (LDCRS) for cells constructed at the site that meet minimum technology requirement having compacted clay and synthetic membrane liner systems. The RAP will also address potential sources of liquids. Responses to the detection of fluid in these systems may include no action, modifying operating procedures, repairing the liner system if possible, and when appropriate, notification to the administrative authority (See VIII.B.10).

d) The permittee shall continue to operate the ambient air monitoring program as outlined in the Louisiana Department of Environmental Quality - Air Quality Division Air Permit (Number 0520-00081-03 or subsequent modifications) and as required by LAC 33:V.3305.E.

e) Within the time constraints specified under LAC 33:V.Chapter 19, the permittee must submit, for review and approval by the administrative authority, proposed construction details and design drawings for construction of secondary containment meeting the requirements of LAC 33:V.1907 for Tank T-501 or a plan for construction of replacement tankage for Tank T-501 meeting the requirements of LAC 33:V.1907.

f) Within sixty (60) days of the effective date of the permit, the permittee shall submit information pertaining to the design and operation of Containment Building 301 to LDEQ-HWD and USEPA-Region 6, for review and approval. This submittal must include information necessary to document compliance with the standards of 40 CFR Part 264, Subpart DD and LAC 33:V.Chapter 18.

g) No later than 180 days prior to planned closure of any hazardous waste unit for which "clean" or "risk-based" closure is sought, the permittee must submit, for review and approval of the administrative authority, a revised closure plan for the specified unit(s). The revised closure plan must fulfill the Closure Performance Standards as specified under LAC 33:V.3507. Additionally the closure plan must fulfill the requirements under LAC 33:V.3511. For "clean" or "risk-based" closures, the required Sampling and Analysis Plan must include provisions for analysis of volatile organic compounds, semi-volatile compounds, and a representative suite of metals, at a minimum. The revised closure plan must also propose criteria for determining the extent

of decontamination required to satisfy the closure performance standard.

h) Within sixty (60) days of the effective date of the permit, the permittee shall submit a plan for conducting an annual independent management, technical and procedural audit of the facility for the administrative authority. The audit shall be conducted in accordance with the approved plan.

22. Reserved

23. Documents to be Maintained at Facility

a) The permittee shall maintain at the facility, until closure is completed and certified by an independent Louisiana registered professional engineer and throughout the post-closure care period, as applicable, the following documents and amendments, revisions, and modifications to these documents. Any revisions or changes to these plans shall be submitted with the annual report.

(1) Waste analysis plan submitted in accordance and in compliance with LAC 33:V.1519 (Attachment 1).

(2) Training Plan and the training records in accordance and in compliance with LAC 33:V.1515 (see Attachment 2).

(3) Contingency Plan submitted in accordance and in compliance with LAC 33:V.1513 (see Attachment 3).

(4) Closure/Post Closure Plan submitted in accordance and in compliance with LAC 33:V.3511 (see Attachment 5).

(5) Any post-closure care requirements that may be required initially or through permit modifications in accordance and in compliance with LAC 33:V.3523.

(6) Cost estimate for facility closure/post closure care submitted in accordance and in compliance with LAC 33:V.3705 (see Attachment 6).

(7) Any post-closure cost estimate that may be required initially or through permit modifications in accordance and in compliance with LAC 33:V.3709.

(8) Operating records in accordance and in compliance with LAC 33:V.1529 and 2115.D, and detailed in Attachment 7.

(9) Inspection schedules developed in accordance and in compliance with LAC 33:V.517.G and 1509.B (see Attachment 8).

(10) Arrangements with local authorities in accordance with LAC 33:V.1511.G (Attachment 4).

(11) Security Plan as required by LAC 33:V.1507 (Attachment 9).

(12) Financial assurance for closure/post-closure of hazardous waste management units submitted in accordance with LAC 33:V.Chapter 37.

b) All proposed amendments, revisions, and modifications to any plan or cost estimates required by this permit shall be submitted to the administrative authority and shall be in accordance with the requirements of LAC 33:V.321, 322 and 323.

24. Annual Report

An annual report covering all hazardous waste units and their activities during the previous calendar year must be submitted as required by LAC 33:V.1529.D.

25. Manifest

The permittee shall comply with all manifest provisions of LAC 33:V.Chapter 9.

The permittee shall report manifest discrepancies and unmanifested wastes as per LAC 33:V.309.L.8 and 9.

26. Non-Listed Hazardous Waste Facilities

This permit is issued for those hazardous waste facilities listed in Section IV (Permitted Facility). If the permittee determines that a hazardous waste facility which requires permitting exists, the permittee must immediately notify the administrative authority in accordance with Section II.E.19 of the General Permit Conditions.

27. Confidentiality

Information submitted in the permit application as "Confidential" shall be acted upon according to LAC 33:V.319.

28. Compliance with Land Disposal Restrictions

The permittee shall comply with those land disposal restrictions set forth in La. R.S. 30:2193 and all regulations promulgated thereunder.

III. GENERAL FACILITY CONDITIONS

00005.

A. DESIGN AND OPERATION OF ALL FACILITIES

1. The permittee shall maintain and operate all facilities to minimize the possibility of fire, explosion, or any unauthorized sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface and subsurface water that could threaten human health or the environment.

2. The permittee may receive only those offsite hazardous wastes which are listed in Attachment 1, Exhibit 1.

B. REQUIRED NOTICE

When the permittee is to receive hazardous waste from an off-site source (except where the permittee is also the generator), it must inform the generator in writing (which may be electronically) that the permittee has the appropriate permits for, and will accept, the waste to be shipped by the generator. The permittee must maintain this written or electronic notice as part of the operating record.

C. GENERAL WASTE ANALYSIS

The permittee shall follow the procedures described in the Waste Analysis Plan (Attachment 1) and furnish the following updated information:

1. The permittee shall review the waste analysis plan annually and report to the administrative authority in the annual report whether any revision is required to stay abreast of changes in EPA methods and/or State regulatory provisions.

2. Annually, the permittee shall submit a brief report, reviewing and evaluating the performance of the laboratory QA/QC program as required by LAC 33:V.1519.B.5. The report shall include a description of the procedures employed when reviewing and evaluating the performance of the laboratory's QA/QC program. This report shall be certified as specified in LAC 33:V.513.

3. The permittee shall, at a minimum, biennially, or sooner when individual process changes occur, recharacterize all hazardous waste streams originally generated on-site and subsequently managed either on-site or off-site. This recharacterization shall include use of generator process knowledge and laboratory analyses for components of the waste. The results of this recharacterization shall be summarized in the permittee's Annual Report.

4. The permittee shall submit documentation or certification of its contract with an outside laboratory for any service required by the Waste Analysis Plan or LAC 33:V.Chapter 15. This document or certification shall be resubmitted when a different laboratory is contracted. The

permittee shall also submit the laboratory's Statement of Qualifications which is to summarize the lab's analytical capabilities and summarize the lab's QA/QC Plan according to an outline approved by the administrative authority.

5. The permittee shall sample and conduct a "fingerprint-analysis" for bulk loads in accordance with the Waste Analysis Plan. Multiple shipments of the sample waste material received on the same day will be sampled and analyzed in accordance with the schedule contained within the Waste Analysis Plan.

6. At a minimum, the following procedures shall be maintained on file by the permittee and made available to the LDEQ upon request:

   a) CWMI Mandatory Analysis Procedures;
   b) CWMI Supplemental Analysis Procedures.

D. SECURITY

The permittee shall comply with the security provisions of LAC 33:V.1507 as specified in Attachment 9.

E. GENERAL INSPECTION REQUIREMENTS

The permittee shall follow the inspection schedule in Attachment 8. The permittee shall remedy any deterioration or malfunction discovered by an inspection as required by LAC 33:V.1509.C Records of inspections shall be kept as required by LAC 33:V.1509.D. The inspection schedule shall include the regulatory requirements of LAC 33:V.1509, 1802, 1911, 2109 and 2507.

F. PERSONNEL TRAINING

The permittee shall conduct personnel training as required by LAC 33:V.1515.A, B and C. This training program shall follow the outline in Attachment 2. The permittee shall maintain all training documents and records as required by LAC 33:V.1515 D and E.

G. GENERAL REQUIREMENTS FOR IGNITABLE, REACTIVE, OR INCOMPATIBLE WASTE

The permittee shall take precautions as required by LAC 33:V.1517 to prevent accidental ignition or reaction of ignitable, reactive, or incompatible wastes.

H. LOCATION STANDARDS

1. The permittee has furnished evidence that it is in compliance with seismic standards as required by LAC 33:V.517.T.

2. The permittee shall not place any hazardous waste unit on any portion of the property that lies within the 100 year floodplain (as identified in the Flood Insurance Rating Map) unless such areas are raised above this

flood level or other means (e.g., levees) are provided to protect such areas from washouts, overtopping by wave action, soil erosion or other effects of such a flood as required by LAC 33:V.1503.B.3. Such site improvements shall be certified by an independent Louisiana registered engineer and approved by LDEQ prior to any hazardous waste and/or hazardous waste facilities being placed thereon.

I. PRECIPITATION RUN ON AND RUN OFF

The permittee must provide for the control and/or containment of run-on and run-off resulting from a rainfall of at least twelve (12) inches in 24 hours when maximum rainfall records are not available for rainfall occurring during a period of twenty-four hours from a twenty-five year storm event or in conformity with locally available records for the site as per LAC 33:V.1503.B.2. Collected materials must be disposed of properly as per LAC 33:V.2111.B. and 2503.E.

J. HURRICANE EVENTS

The permittee shall initiate those applicable portions of the Contingency Plan during a hurricane as well as appropriate actions required by LAC 33:V.1503.B.4, 1507, 1509, and 1511.

K. PREPAREDNESS AND PREVENTION

1. Required Equipment

At a minimum, the permittee shall install and maintain the equipment set forth in the Contingency Plan, Attachment 3, as required by and which is in conformance with LAC 33:V.1511.C.

2. Testing and Maintenance of Equipment

The permittee shall test and maintain the equipment specified in Section III.K.1 above to insure its proper operation in time of emergency.

3. Access to Communications or Alarm Systems

The permittee shall maintain access to the communications or alarm system as required by LAC 33:V.1511.E.1 and LAC 33:V.1511.E.2.

4. Required Aisle Space

At a minimum, the permittee shall maintain adequate aisle space as required by LAC 33:V.1511.F.

5. Arrangements with Local Authorities

The permittee shall document in the annual report that the requirements of LAC 33:V.1511.G have been met. This documentation shall include those State and local agencies involved and those facilities and operations covered. Documentation of annual written renewal of

arrangements with State and Local agencies shall also be included in this report.

L. CONTINGENCY PLAN

1. Implementation of Plan

The permittee shall immediately carry out the provisions of the Contingency Plan, Attachment 3, which complies with the emergency procedures described by LAC 33:V.1513.F whenever there is a fire, explosion, or release of hazardous waste or hazardous waste constituents that threaten or could threaten human health or the environment.

2. Copies of Plan

The permittee shall comply with the requirements of LAC 33:V.1513.C.

3. Amendments to Plan

The permittee shall review and immediately submit to the administrative authority, if necessary, amendments to the Contingency Plan, as required by LAC 33:V.1513.D and in accordance with LAC 33:V.321 and 322.

4. Emergency Coordinator

The permittee shall comply with the requirements of LAC 33:V.1513.E. concerning the emergency coordinator.

M. MANIFEST SYSTEM

Use of the Manifest System

The permittee shall comply with the manifest requirements of LAC 33:V.Chapter 9.

N. RECORDKEEPING AND REPORTING

1. Operating Record

The permittee shall maintain a written operating record at the facility in accordance with LAC 33:V.1529.A, 1529.B and 1529.C.

2. Annual Report

The permittee shall comply with the annual report requirements of LAC 33:V.1529.D.

O. CLOSURE/POST-CLOSURE

1. Closure

The Closure Plan shall include the following responses by the permittee to LAC 33:V.1803, 1915, 2117, 2521, 3203, 3503, 3507, 3509, 3511, 3513 and 3515, and 40 CFR Part 264, Subpart DD.

a) Closure Plan. The permittee shall close the facility in accordance with the Facility Closure/Post-Closure Plan, Attachment 5.

b) Amendment to Closure Plan. The permittee shall amend the Closure Plan where necessary, in accordance with LAC 33:V.3511.C and with the Schedule of Compliance (Section II.E.21.g). Any modification shall be subject to LAC 33:V.321 where applicable.

c) Notification of Closure. The permittee shall notify the administrative authority at least 60 days prior to the date he expects to begin partial closure and 180 days prior to the date he expects to begin final closure.

d) Time Allowed for Closure. After receiving the final volume of hazardous waste, the permittee shall treat, dispose or remove from the site all hazardous waste not previously disposed of, in accordance with the schedule specified in the Closure Plan, Attachment 5. After receiving the final volume of hazardous waste, the permittee shall complete closure activities in accordance with the schedule specified in the Closure Plan, Attachment 5.

e) Disposal or Decontamination of Equipment. The permittee shall decontaminate or dispose all facility equipment in accordance with the Closure Plan, Attachment 5.

f) Certification of Closure. The permittee shall certify that the facility has been closed in accordance with the specifications in the Closure Plan as required by LAC 33:V.3517.

g) Contingent Closure Plan. The permittee shall submit, in a compliance schedule, a contingent closure and post-closure plan and cost estimates for those tank systems that do not fully comply with the secondary containment standards for tanks as specified in LAC 33:V.1903.

h) Inventory at Closure. The permittee shall be responsible for closure cost based upon the following maximum permitted facility inventories:

MAXIMUM PERMITTED INVENTORIES			
FACILITY	HAZARDOUS WASTE UNITS	EXISTING MAXIMUM COMBINED OPERATING CAPACITY (gallons)	PROPOSED MAXIMUM COMBINED OPERATING CAPACITY (gallons)
TANKS (42)			
Washwater and Receiving Tanks (2)(E)	T-101 & T-102	27,462	27,462
Decant Tanks (5)(E)	T-201 through T-205	29,400	29,400
Waste Blending Tanks (2)(1-E,1-P)	T-206 & T-207	19,000	38,000
Aqueous Waste Tanks (2)(1-E,1-P)	T-208 & T-209	20,000	40,000
Phase Separation Tanks (2)(E)	T-210 & T-211	26,000	26,000
Waste/Holding Tank (1)(E)	T-212	16,000	16,000
Waste Fuel Blending Tanks (3)(E)	T-213 through T-215	48,000	48,000
Drum Processing Tanks (4)(P)	T-220 through T-223	0	28,310
Mixing Basin Tanks (2)(C)	T-301 & T-302	Closed	Closed
Stabilization Mixing Tanks (2)(E)	T-303 & T-304	32,880	32,880
Stabilization Pre-Treatment Tanks (1-E, 1-P)	T-305 & T-306	19,594	39,188
Wastewater Holding Tanks (6)(2-E,4-P)	T-501 through T-506	1,913,110	5,739,330
Wastewater Pilot Plant Tanks (2)(E)	T-601 & T-602	750	750
Leachate Collection Tanks (7)(4-E,2-P, 1-C)	T-901 through T-907	53,200	117,560

FACILITY	MAXIMUM COMBINED CAPACITY (gallons)
CONTAINER STORAGE UNITS	
Container Management Unit No. 1 (E)	242,715
Container Management Unit No. 2 (P)	93,060
Transportation Staging Area (E) Phase I & II (Building 801)	484,704
Transportation Staging Area (P) Phase III (Building 802)	484,704
North Administrative Truck Storage (E)	290,843
Bulk Loading/Unloading Building (E)	60,592
Wastewater Loading/Unloading Building (E)	36,355
Pilot Plant Loading/Unloading Area (E)	18,178

FACILITY	MAXIMUM COMBINED CAPACITY
CONTAINMENT BUILDING	
Bulk Solids Containment Building 301 (P)	2500 cubic yards (or 72,706 gallons in roll-off boxes)

FACILITY		MAXIMUM COMBINED CAPACITY
LANDFILLS		
Cell 5	Closure/Post-Closure	309.9 Acre-Feet
Cell 14	Closure/Post-Closure	325.4 Acre-Feet
Cell 6	Active	2,519.05 Acre-Feet (473.56 Acre-Feet Remaining Capacity)
Cell 7 (Future Cell)	Under Construction	1302.68 Acre-Feet
Cell 8	Future Use	4,051.35 Acre-Feet

MISCELLANEOUS UNITS	
One (1) Aqueous Waste Treatment Unit (E)	32,000 gals/day
Three (3) Container Decant/Filling/Processing Units (1-E,2-P)	132,000 gals/day

(E-Existing; P-Proposed)

2. Post-Closure

The Post-Closure Plan shall include responses by the permittee to LAC 33:V.2521, LAC 33:V.Chapter 35 Subchapter B and is designated as Attachment 5.

a) Inventory of Post-Closure

The permittee shall be responsible for post-closure cost for the following permitted facilities.

FACILITY		MAXIMUM COMBINED CAPACITY
LANDFILLS		
Cell 5	Closure/Post-Closure	309.9 Acre-Feet
Cell 14	Closure/Post-Closure	325.4 Acre-Feet
Cell 6	Active	2,519.05 Acre-Feet
Cell 7	Under Construction	1,302.68 Acre-Feet
Cell 8	Future Use	4,051.35 Acre-Feet

b) Amendments to Post-Closure Plan

The permittee shall amend the Post-Closure Plan when necessary, in accordance with LAC 33:V.3523.D. Any modifications shall be subject to LAC 33:V.321.

P. COST ESTIMATE FOR FACILITY CLOSURE/POST-CLOSURE

1. The permittee must maintain cost estimate for closure of all facilities as required by LAC 33:V.3705.A (Attachment 6).

2. The permittee shall maintain and adjust the closure cost estimate for inflation, as specified in LAC 33:V.3705.B and 3705.C, and for other circumstances that increase the cost of closure.

3. The permittee must adjust the closure cost estimate within thirty (30) days after approval by the administrative authority of any request to modify the Closure Plan in accordance with LAC 33:V.3705.C. The permittee shall consider the impact of any inventory and/or process changes on the closure cost estimate.

4. The closure cost estimate must equal the cost of closure at the point in the facilities' operating life when the extent and manner of operation would make the closure most expensive. The closure cost estimate shall

be based on the maximum permitted inventory of each facility as specified in Section III.O.7 of this permit.

5. The permittee's post-closure cost estimate of all facilities as required by LAC 33:V.3709.A is included in Attachment 6.

6. The permittee shall maintain and adjust the post-closure cost estimate for inflation in accordance with LAC 33:V.3709.B. The anniversary date will be March 1.

7. The permittee shall adjust the post-closure cost estimate within thirty (30) days after approval by the administrative authority of any request to modify the Post-Closure Plan in accordance with LAC 33:V.3709.C. The permittee shall consider the impact of any inventory and/or process changes on the post-closure cost estimate.

8. The post-closure cost estimate must equal the annual post-closure cost multiplied by the number of years in the post-closure period as specified in LAC 33:V.3521.A.

9. Any closure/post-closure modifications are subject to LAC 33:V.321.

Q. FINANCIAL ASSURANCE FOR FACILITY CLOSURE/POST-CLOSURE

1. The permittee shall establish and maintain financial assurance for closure in accordance with LAC 33:V.3707 for all units listed under Section III.O.1.h.

2. The permittee shall have and maintain financial assurance for post-closure in accordance with LAC 33:V.3711 for all units listed under Section III.O.2.a.

R. LIABILITY REQUIREMENTS

The permittee shall have and maintain liability coverage for sudden accidental occurrences in the amounts of $5,000,000 each occurrence and $5,000,000 annual aggregate as required by LAC 33:V.3715.A. The permittee shall have and maintain liability coverage for nonsudden accidental occurrences in the amounts of $5,000,000 each occurrence and $10,000,000 annual aggregate as specified in LAC 33:V.3715.B.

S. INCAPACITY OF THE PERMITTEE

The permittee shall comply with LAC 33:V.3717 whenever bankruptcy is initiated for the permittee or its institutions providing financial assurance. If insurance is used for compliance with LAC 33:V.3715, the permittee shall immediately notify the administrative authority if the insurance company is placed in receivership.

IV. PERMITTED FACILITIES

The following facilities are permitted to be used in hazardous waste service:

A. TANKS (42)

TANK NO.	SERVICE	DESIGN CAPACITY (gallons)	MAX. OPERATING VOLUME (gallons)	TREATMENT CAPACITY (gal/day)	TYPE
TRUCK WASH TANK					
T-101	Washwater Collection Tank (E)	8,500	8,075**	N/A	Vert., flat-bottom, CS
T-102	Receiving Tank (E)	25,435	19,387**	50,000	In-ground concrete
DECANT TANKS					
T-201	Decant Surge Tank (E)	850	700*	26,000	Vert., cone-bottom, SS
T-202	Decant Surge Tank (E)	850	700*	26,000	Vert., cone-bottom, SS
T-203	Phase Separation Tank (E)	14,500	13,000*	26,000	Vert., cone-bottom, SS
T-204	Phase Separation Tank (E)	14,500	13,000*	26,000	Vert., cone-bottom, SS
T-205	Sludge Holding Tank (E)	2,250	2,000*	20,000	Vert., cone-bottom, SS
DRUM PROCESSING TANKS					
T-220	Receiving Tank (P)	400	380**	27,550	Vert., cone-bottom, CS
T-221	Solvent Flush Tank (P)	400	380**	27,550	Vert., cone-bottom, CS
T-222	Waste Holding Tank (P)	14,500	13,775**	27,550	Vert., cone-bottom, CS
T-223	Waste Holding Tank (P)	14,500	13,775**	27,550	Vert., cone-bottom, CS

TANK NO.	SERVICE	DESIGN CAPACITY (gallons)	MAX. OPERATING VOLUME (gallons)	TREATMENT CAPACITY (gal/day)	TYPE
BULK LIQUIDS PROCESSING TANKS					
T-206	Waste Blending Tank (E)	20,300	19,000*	38,000	Vert., flat-bottom, CS
T-207	Waste Blending Tank (P)	20,300	19,000*	38,000	Vert., flat-bottom, CS
T-208	Aqueous Waste Holding Tank (E)	21,400	20,000*	40,000	Vert., flat-bottom, CS
T-209	Aqueous Waste Holding Tank (P)	21,400	20,000*	40,000	Vert., flat-bottom, CS
T-210	Phase Separation Tank (E)	14,500	13,000*	26,000	Vert., flat-bottom, CS
T-211	Phase Separation Tank (E)	14,500	13,000*	26,000	Vert., flat-bottom, CS
T-213	Waste Blending Tank (E)	17,000	16,000*	32,000	Vert., flat-bottom, CS
T-214	Waste Blending Tank (E)	17,000	16,000*	32,000	Vert., flat-bottom, CS
T-215	Waste Blending Tank (E)	17,000	16,000*	32,000	Vert., flat-bottom, CS
AQUEOUS WASTE TREATMENT TANK					
T-212	Waste/Holding Tank (E)	17,000	16,000*	32,000	Vert., flat-bottom, CS

TANK NO.	SERVICE	DESIGN CAPACITY (gallons)	MAX. OPERATING VOLUME (gallons)	TREATMENT CAPACITY (gal/day)	TYPE
STABILIZATION UNIT TANKS					
T-301	Mixing Basin (C)	0	0	*****	In-ground CS box with secondary containment
T-302	Mixing Basin (C)	0	0	*****	In-ground CS box with secondary containment
T-303	Mixing Basin (E)	17,309	16,440	100,000	Above-ground CS box with secondary containment
T-304	Mixing Basin	17,309	16,440	100,000	Above-ground CS box with secondary containment
T-305	Pre-Treatment Tank (P)	20,625	19,594	65,000	Vertical, cone bottom, CS
T-306	Pre-Treatment Tank (E)	20,625	19,594	65,000	Vertical, cone bottom, CS
WASTEWATER HOLDING TANKS					
T-501	Wastewater Holding Tank (E)	1,006,900	956,555**	N/A	Vert., flat-bottom, CS
T-502	Wastewater Holding Tank (E)	1,006,900	956,555**	N/A	Vert., flat-bottom, CS
T-503	Wastewater Holding Tank (P)	1,006,900	956,555**	N/A	Vert., flat-bottom, CS
T-504	Wastewater Holding Tank (P)	1,006,900	956,555**	N/A	Vert., flat-bottom, CS
T-505	Wastewater Holding Tank (P)	1,006,900	956,555**	N/A	Vert., flat-bottom, CS
T-506	Wastewater Holding Tank (P)	1,006,900	956,555**	N/A	Vert., flat-bottom, CS

TANK NO.	SERVICE	DESIGN CAPACITY (gallons)	MAX. OPERATING VOLUME (gallons)	TREATMENT CAPACITY (gal/day)	TYPE
WASTEWATER TREATMENT PILOT PLANT***					
T-601	Product Tank (E)	300	250	1,500	Vert., cone-bottom, SS
T-602	Feed Tank (E)	550	500	1,500	Vert., cone-bottom, SS
LEACHATE COLLECTION TANK					
T-901	Leachate Tank Cell 5 (E)	5,000	4,750**	N/A	Horz., CS
T-902	Leachate Tank Cell 14W (C)	0	0**	N/A	Horz., CS
T-903	Leachate Tank Cell 14E (E)	17,000	16,150**	N/A	Horz., CS
T-904	Leachate Tank Cell 6E1 (E)	17,000	16,150**	N/A	Horz., CS
T-905	Leachate Tank Cell 6W1 (E)	13,000	12,350**	N/A	Horz., CS
T-906	Leachate Tank Cell 6NW (P)	33,874	32,180**	N/A	Vert., flat-bottom, CS
T-907	Leachate Tank Cell 6NW (P)	33,874	32,180**	N/A	Vert., flat-bottom, CS

B. CONTAINER STORAGE

	FACILITY	SERVICE	MAXIMUM PERMITTED CAPACITY GALLONS (DRUMS)
1.	Container Management Unit No. 1 (E)	Total Liquid & Solid	242,715 gal
2.	Container Management Unit No. 2 (P)	Total Liquid & Solid	96,060 gal
3.	Transportation Staging Area Solids Containment (E) Phase I & II (Building 801)	40-6000 gal. Liquid Loads or 80-30 CY Solid Loads	484,704 gal
4.	Transportation Staging Area Liquids Containment (P) Phase III (Building 802)	80-30 CY Solid Loads	484,704 gal
5.	North American Truck Storage (E)	48-30 CY Solid Loads	290,843 gal
6.	Bulk Loading/ Unloading Building (E)	10-1000 gal Liquid Loads or 10-30 CY Solid Loads	60,592 gal
7.	Wastewater Loading/ Unloading Building (E)	3-6000 gal Liquid Loads or 6-30 CY Solid Loads	36,355 gal
8.	Pilot Plant Loading/ Unloading Area (E)	3-5700 gal Liquid Loads or 3-30 CY Solid Loads	18,178 gal
9.	Aqueous Waste Treatment Loading/ Unloading Area	1-6000 gal Liquid Load or 2-30 CY Solid Loads	12,118 gal
10.	Decant Truck Bays 3-8 Area (E)	4-6000 gal Liquid Loads of 8-30 CY Solid Loads	48,474 gal
11.	Stabilization Truck Storage Building (P)	12-6000 gal Liquid Loads of 24-30 CY Solid Loads	145,421 gal

(E) Existing
(P) Proposed

C. LANDFILL

All landfill modules must be constructed in accordance with LAC 33:V.Chapter 25, this section and Section VIII of this permit and the referenced drawings (or subsequently approved design drawings for Cell 8).

LANDFILL CELL	SERVICE	MAXIMUM CAPACITY (Acre Feet)
No. 14	Closure/Post-Closure	309.9
No. 5	Closure/Post-Closure	325.4
No. 6	Active	2,519.05
No. 7	Under Construction	1,302.68
No. 8	Future Use	4,051.35

1. Landfill Cells No. 5 & 14

The permittee has completed closure of Cells No. 5 and No. 14 in accordance with the interim status closure permit and has provided certification of closure. The permittee is to perform post-closure care in accordance with the requirements of the Groundwater Protection Section of this permit and the Facility Closure/Post-Closure Plan as specified in this permit.

2. Landfill Cell No. 6

The Permittee is allowed to operate an existing landfill designated as Landfill No. 6 until its capacity has been reached. Landfill No. 6 is to be built with six (6) individual modules each having dimensions of approximately 300 feet x 960 feet. The final design elevation of Cell 6 shall be +83.0 feet NGVD.

3. Landfill Cell No. 7

The Permittee will be allowed to construct Landfill No. 7 per the general design and construction requirements specified in this permit and in LDEQ-HWD's letter of November 17, 1995 to the permittee granting approval of the final Cell 7 design in accordance with the approved design drawings. Landfill No. 7 may be constructed with five (5) individual modules. The final design elevation of Cell 7 shall be +73.6 feet NGVD.

4. Landfill Cell No. 8

The Permittee will be allowed to construct Landfill No. 8 per the general design and construction requirements specified in this permit. Landfill

No. 8 may be constructed with eight (8) individual modules in general accordance with design drawings as approved by the administrative authority. At least six (6) months prior to commencement of construction for Cell 8, the permittee must submit the required geologic, hydrogeologic, and geotechnical information pursuant to LAC 33:V.517.T.3. The permittee must obtain approval from the administrative authority prior to construction of Landfill Cell 8. In addition, the permittee must submit, for review and approval by the Administrative Authority, the engineering design drawings and construction details, required to demonstrate that the planned construction of Cell 8 conforms to the design standards of LAC 33:V.Chapter 25.

D.	MISCELLANEOUS UNITS	MAXIMUM CAPACITY
1.	One (1) Aqueous Waste Treatment Unit	32,000 gals/day
2.	Three (3) Container Decant/Filling/Processing Units (1-existing, 2-proposed)	132,000 gal/day

E.	CONTAINMENT BUILDING	MAXIMUM CAPACITY
1.	One (1) Containment Building 301 (proposed)	433,925 gal (12-30 CY solids or 2,500 CY bulk storage)

F. CHANGES TO EXISTING FACILITIES

Changes to existing facilities will be made in accordance with LAC 33:V.321 and 322.

V. TANKS - PERMITTED CONDITIONS

A. CONDITIONS

1. The conditions related to treatment and/or storage of hazardous waste shall be limited to those tanks listed under Part IV, Permitted Facilities, together with all associated piping, pumps, instruments, containments, and vent controls.

2. The permittee shall store ignitable, reactive, or incompatible wastes only in accordance with LAC 33:V.1517, 1907 and 1909.

3. The permittee shall have and maintain or provide secondary containment for all tank system(s) designated under Permit Section IV.A. in accordance with LAC 33:V.1907.

B. INSPECTION, TESTING AND MAINTENANCE

1. The permittee shall maintain the existing permitted tanks according to the design code and shell thickness specified for each tank as listed in Table 1, Section V of this permit.

TABLE 1, SECTION V

TANK NO.	SERVICE	CAPACITY GALLONS	TANK TYPE	DESIGN CODE	DIMEN-SIONS	MATERIALS OF CONSTRUC-TION	NOMINAL AS BUILT WALL THICKNESS (INCHES)	MINIMUM DESIGN WALL THICKNESS (INCHES)	SPECIAL LININGS
T-101	Washwater Collection Tank	8,075	Vertical Flat-Bottom Cone Roof	API-650	11' x 12'	C.S.	1/4	3/16	None
T-102	Receiving Tank	19,387	In Ground	Concrete Institute	18' x 24'	Reinforced Concrete	8	N/A	None
T-201 & T-202	Decant Surge Tanks	700	Vertical Cone-Bottom	API-620	4' x 8'	304 SS	3/16	3/16	None
T-203 & T-204	Phase Separation Tanks	13,000	Vertical Cone-Bottom	API-620	12' x 16'	304 SS	3/16	3/16	None
T-205	Sludge Holding Tank	2,000	Vertical Cone-Bottom	API-620	6.5' x 12'	304 SS	3/16	3/16	None
T-206 & T-207	Waste Feed Blending Tanks	19,000	Vertical Flat-Bottom	API-650	12' x 24'	C.S.	1/4	3/16	None
T-208 & T-209	Aqueous Waste Holding Tanks	20,000	Vertical Flat-Bottom	API-620	12' x 24'	C.S.	1/4	3/16	None
T-210 & T-211	Phase Separation	13,000	Vertical Flat-Bottom	API-620	12' x 16'	C.S.	3/16	3/16	None
T-212	Waste Holding Tank	16,000	Vertical Flat-Bottom	API-650	11' x 24'	C.S.	1/4	3/16	None

TANK NO.	SERVICE	CAPACITY GALLONS	TANK TYPE	DESIGN CODE	DIMEN-SIONS	MATERIALS OF CONSTRUC-TION	NOMINAL AS BUILT WALL THICKNESS (INCHES)	MINIMUM DESIGN WALL THICKNESS (INCHES)	SPECIAL LININGS
T-213, T-214 & T-215	Waste Fuel Blending Tanks	16,000	Vertical Flat-Bottom	API-650	11' x 24'	C.S.	1/4	3/16	None
T-220	Receiving Tank	380	Vertical Cone-Bottom	API-620	4' x 6'	C.S.	1/4	1/8	None
T-221	Solvent Flush Tank	380	Vertical Cone-Bottom	API-620	4' x 6'	C.S.	1/4	3/16	None
T-222 & T-223	Waste Holding Tanks	13,775	Vertical Cone-Bottom	API-620	12' x 21'	C.S.	3/8	1/4	None
T-303 & T-304	Mixing Basins	19,190	In Ground	API-650	12' x 22' x 10'	C.S.	1/2	3/8	None
T-501	Wastewater Holding Tank	956,555	Vertical Flat-Bottom	API-650	69' x 36'	C.S.	1/4 Top 12' 5/16 next 8' 3/8 next 8' 7/16 bottom 8'	3/16 3/16 1/4 3/8	None
T-502 thru T-506	Wastewater Holding Tanks	956,555	Vertical Flat-Bottom	API-650	69' x 36'	C.S.	3/16 Top 4' 3/8 next 8' 3/8 next 8' 1/2 next 8' 1/2 bottom 8'	3/16 3/16 3/16 5/16 5/16	None
T-601	Product Tank	250	Vertical Cone-Bottom	API-650	40" x 49"	304 SS	1/16	1/16	None

TANK NO.	SERVICE	CAPACITY GALLONS	TANK TYPE	DESIGN CODE	DIMEN-SIONS	MATERIALS OF CONSTRUC-TION	NOMINAL AS BUILT WALL THICKNESS (INCHES)	MINIMUM DESIGN WALL THICKNESS (INCHES)	SPECIAL LININGS
T-602	Feed Tank	500	Vertical Cone-Bottom	API-650	52" x 58"	304 SS	1/16	1/16	None
T-901	Leachate Tank	4,750	Horizontal	UL-142	8' x 12'	C.S.	1/4	3/16	None
T-903 & T-904	Leachate Tanks	16,150	Horizontal	UL-142	10' x 30'	C.S.	1/4	1/8	None
T-905	Leachate Tank	12,350	Horizontal	UL-142	10' x 25'	C.S.	1/4	1/8	None
T-906 & T-907	Leachate Tanks	32,180	Vertical Flat-Bottom	API-650	13.5' x 24'	C.S.	3/8	3/16	None

2. Tank Inspection and Testing

a) The permittee shall inspect all tanks, associated piping, valves, vent controls, and fittings of the listed tanks at least daily to detect any exterior signs of corrosion, cracks, or leaks as required by LAC 33:V.1911. Such inspections shall be duly logged in the operating record and any equipment failures which result in leaks or spills shall be reported to the administrative authority as required by LAC 33:V.1913.D.

b) The permittee shall submit, pursuant to a compliance schedule, results of the most recent ultrasonic or equivalent tests for existing hazardous waste storage tanks indicating they meet the requirements of the specified permitted wall thicknesses as required by the design specifications (API or ASME of UL/142) under which they were built.

c) The permittee shall conform, where applicable, to the appropriate sections of the API Code (latest edition) for maintenance inspection, rating, repair and alternation of all pressure vessels and tanks (API Code 510) and atmospheric and low pressure storage vessels and tanks (Chapter XIII of the API Code). Procedures for repairing sections of tanks, nozzles, or other openings are specifically detailed in the above listed API Codes.

d) If any shell thickness measurements are less than the minimum design wall thickness listed in Table 1, Section V of this permit such tank or vessel shall not be utilized for storage of hazardous waste until it can be demonstrated that there is sufficient shell thickness for structural integrity, plus corrosion allowance. A minimum corrosion allowance of 1/16 inch is required only for carbon steel tanks not having suitable liners or internal coatings.

e) New tanks shall not be placed in hazardous waste service until the permittee has complied with LAC 33:V.303.I

f) Existing tank systems will be provided secondary containment in accordance with LAC 33:V.1907. Secondary containment for Tank T-501 shall be provided in accordance with the Schedule of Compliance (Section II. E. 21.e).

g) The permittee shall test the level controls and pump cut-off devices at least daily via a circuit test, and at least quarterly the devices and controls shall be tested by removing the device and physically activating the switch.

C. OPERATION

1. The permittee shall maintain all activated carbon absorbers in service on tank vent systems. Multiple carbon drums are to be used so that at least one (1) drum is in service at all times.

2. The permittee shall have the weak acid/weak caustic scrubber system in operation when processing wastes in waste holding tank T-212.

D. CLOSURE

At closure, all hazardous waste and hazardous waste residues shall be removed from tanks, discharge control equipment, and discharge confinement structures, as provided by LAC 33:V.1915 and as outlined in the Facility Closure/Post-Closure Plan (Attachment 5).

VI. CONTAINER STORAGE - PERMITTED CONDITIONS

Except as authorized by statute or regulations, the permittee shall not treat or store any hazardous waste in containers except as noted below.

A. CONDITIONS AND OPERATIONS

1. Condition of Containers

If a container holding hazardous waste is not in good condition (e.g., severe rusting, apparent structural defects) or if it begins to leak, the permittee shall as soon as possible transfer the hazardous waste from such container to a container that is in good condition or otherwise manage the waste in compliance with the conditions of this permit.

2. Compatibility of Waste with Containers

The permittee shall assure the ability of the container to contain the waste is not impaired, as required by LAC 33:V.2105.

Containers storing waste shall be inspected on a regular basis as specified in the Inspection Schedule and LAC 33:V.2109.

3. Management of Containers

The permittee shall manage containers as required by LAC 33:V.2107 and 2109.B.

4. Containment Area Design and Operation

A containment system must be designed and operated as follows:

a) A base must underlie the containers which is free of cracks, or gaps and is sufficiently impervious to contain leaks, spills, and accumulated precipitation until the collected material is detected and removed.

b) The base must be sloped or the containment system must be otherwise designed and operated to drain and remove liquids resulting from leaks, spills, or precipitation, unless the containers are elevated or are otherwise protected from contact with accumulated liquids.

c) The containment system must have sufficient capacity to contain ten percent of the volume of containers or the volume of the largest container, whichever is greater. Containers that do not contain free liquids need not be considered in this determination.

d) Run-on into the containment system must be prevented unless the collection system has sufficient excess capacity in addition

to that required in LAC 33:V.2111.B.3 to contain any run-on which might enter the system.

e) Spilled or leaked waste and accumulated precipitation must be removed from the sump or collection area in as timely a manner as is necessary to prevent overflow of the collection system.

f) If the collected material is a hazardous waste, it must be managed as a hazardous waste in accordance with all applicable requirements.

g) Containers (larger than 6 gallons) holding liquid wastes (as determined by visual inspection or paint filter test, excluding lab packs) cannot be double stacked any closer than 4.0 feet from the outside edge of the storage building's perimeter curb (unless a wall capable of preventing any leaks or spillage from exiting the unit is erected) and no closer than 4.0 feet to an adjacent containment separation curb (unless a wall capable of preventing any leaks or spillage from entering the adjacent containment section is erected or redundant secondary containment is provided) if the adjacent containment contains material that is incompatible with the double stacked container's contents. Within 24 working hours after unloading, the permittee must verify those containers holding solids by either a visual inspection or the paint filter test.

h) The permittee shall not exceed the number of containers or the maximum liquid capacity listed under Part IV, Section B, of this permit for each container storage area listed.

5. Special Requirements for Ignitable or Reactive Waste

The permittee shall not locate containers holding ignitable or reactive waste within 15 meters (50 feet) of the facility's property line.

6. Special Requirements for Incompatible Waste

a) Incompatible wastes or incompatible materials shall not be placed in the same container.

b) The permittee shall not place hazardous waste in an unwashed container that previously held an incompatible waste or material.

c) The permittee shall separate containers of incompatible wastes as required by LAC 33:V.2115.C.

d) The permittee must document compliance with Sections VI.A.5. and VI.A.6. of this permit as required by LAC 33:V.1517.F and place this documentation in the operating record.

B. INSPECTIONS

1. At least weekly, the owner or operator must inspect areas where containers are stored, looking for leaking containers and for deterioration of containers and the containment system as required by LAC 33:V.2109.A. Remedial action as described in LAC 33:V.1509.C shall be taken when necessary and documented in the operating record.

2. All inspection records must be maintained according to the recordkeeping requirements of LAC 33:V.1529.

C. CLOSURE

At closure, all hazardous waste and hazardous waste residue must be removed from the containment system. Remaining containers, liners, bases, and soil must be decontaminated or removed as required by LAC 33:V.2117 and as outlined in the Facility Closure/Post-Closure Plan (Attachment 5).

VII. UNLOADING, LOADING AND RECEIVING FACILITIES - PERMITTED CONDITIONS

All trucks containing hazardous waste shall be managed in accordance with LAC 33:V.1527 and in accordance with permittee's Waste Analysis Plan.

Sufficient pumping capacity such as portable pumps or vacuum trucks shall be provided to remove any spilled material from the sumps located in each of the unloading areas in a timely manner and to prevent any overflow from the contaminated area.

The permittee shall receive and monitor all incoming waste under the following conditions:

1. All loads that have entered the security gate will be inspected, prior to their leaving the sampling station(s), for leaks and any load found leaking will be responded to immediately and moved to a contained area as soon as possible upon discovery.

2. All hazardous waste trucks containing liquids that are being held beyond the permittee's sampling station(s) and have been accepted for management, must be located in an area having the capability of holding the entire liquid contents of the trucks unless being transported to or from on-site treatment, storage or disposal.

3. A representative sample of the waste for each waste stream must be analyzed in accordance with the Waste Analysis Plan to verify the information on the manifest.

4. The quantity of waste received must be recorded and chemical and physical characteristics identified in accordance with the Waste Analysis Plan with regard to ignitability, reactivity or incompatibility. Only compatible wastes shall be stored in common containment or tankage.

VIII. LANDFILLS - PERMITTED CONDITIONS

A. GENERAL DESIGN, CONSTRUCTION AND REQUIREMENTS

1. The design, construction and operation of the landfills must comply with this permit, the Department of Environmental Quality Rules and Regulations as set forth in LAC 33:V.517 and LAC 33:V.Chapter 25 or as specified in the plans and specifications for design, construction and operations approved herein. All plans and specifications for the design, construction and operation of the hazardous waste landfill facility, as attached hereto and made a permanent part of the permit, are approved subject to the terms of this permit and any other order of the administrative authority. Construction work shall be guided by a construction quality assurance (CQA) program as required under LAC 33:V.1504.A. The CQA must be written and implemented in accordance with LAC 33:V.1504.B and C, and Section VIII.A.3 of this permit. Certification that the CQA has been successfully implemented must comply with LAC 33:V.1504.D. New landfill units shall not be placed in hazardous waste service until the permittee has complied with LAC 33:V.303.I

2. Any variance from or modification to the approved drawings, specifications or terms and conditions of this permit for the design or construction of the landfill units that deviates from the design intent or performance standards is not allowed without prior written approval from the administrative authority.

   At least twenty four (24) hours (DEQ work days only) prior to effecting any variance from or modification to the approved plans and specifications for design, construction and operation of the landfills and the terms and conditions of the permit that do not constitute a deviation from the design intent or performance standards, the permittee shall notify the administrative authority of the intended change via facsimile transmittal and follow-up with an official notification via registered mail, and a telephone call. This notification shall include a justification for the proposed action.

   The administrative authority reserves the right to require the implementation of additional procedures if it is subsequently determined that a change effected without said approval was deemed by the administrative authority as being in deviation from the design intent or performance standards of the approved drawings, specifications or terms and conditions of this permit.

3. Prior to construction of a soil liner for a landfill, a test fill using materials characterized as the same as those to be used in the new landfill shall be required. The permittee shall construct and test in accordance with procedures contained in the Chemical Waste Management, Inc. (CWM), "Quality Assurance Manual for the Installation of Lining Systems" as modified in the site specific addendum, latest revisions. The test fill will

be identical in thickness and composite make-up as approved for the facility design.

Alternatively, soil liner construction records and test results from prior, similarly constructed cells, (i.e. Cell 14 and/or Cell 6) can become the basis for test fill documentation and certification.

After the successful construction of the test fill(s), the permittee shall provide written certification of proper construction and evaluation and said certification shall specifically address:

a) Results of all pre-construction, construction and post-construction QA/QC inspection and testing.

b) Summary of materials and construction specification, methodology and equipment necessary to construct a full scale compacted clay liner achieving a hydraulic conductivity of 1×10^{-7} cm/sec or less.

c) Complete documentation including a summary of data detailing how hydraulic conductivity of the compacted clay liners was measured and calculated.

B. GENERAL OPERATING CONDITIONS

The permittee shall operate and maintain the five (5) permitted landfill cells (No.'s 5, 6, 7, 8, and 14) to meet the following performance standards:

1. Run-off of storm water shall be managed to conform with LAC 33:V.2503.D. Any incidences of run-off not collected and controlled shall be reported and made a part of the annual report.

2. The permittee may landfill only those waste which at a minimum meet the criteria specified in LAC 33:V.2503, 2511, 2513, 2515, 2517 and 2519.

   The permittee shall not place bulk or non-containerized liquid hazardous waste or hazardous waste containing free liquids (whether or not absorbents have been added) in any landfill.

3. The run-on control dikes shall be constructed to prevent any flow onto the active portion of the landfills. Any incidences of run-on entering the containment areas shall be reported and made a part of the annual report.

4. All collection and holding facilities (sumps and tanks) associated with the run-on and run-off containment systems shall be emptied expeditiously to maintain the design capacity of the system as required by LAC 33:V.2503.E.

5. Hazardous waste within the landfill must be covered or otherwise managed to insure minimum wind dispersal as required by LAC 33:V.2503.F.

6. While in operation, each landfill shall be inspected weekly and after storms as required under LAC 33:V.2507.C.

7. The permittee shall maintain operating records as required by LAC 33:V.2509.

8. Closure and post-closure care shall conform with LAC 33:V.2521 and the Facility Closure and Post-Closure Plan (Attachment 5) which is in compliance with the applicable rules and regulations.

9. The receiving and monitoring of wastes into the landfills shall be performed according to LAC 33:V.1527, and the Waste Analysis Plan (Attachment 1).

10. Leachate detection and collection riser pipes must be properly maintained and inspected weekly and after storms to detect the presence of liquids and the proper functioning of the systems. If liquid is encountered at a level of greater than 1 foot above the lip of the collection sump in a leachate collection system, it shall be removed to the lowest practical level. In active modules (those without interim cover in place), the liquid must be removed within 48 hours after the end of a rainfall event to the lowest practical level. In all modules, the liquid must be removed within 48 hours after repair of a system malfunction, or 48 hours after an electrical power outage has been repaired. In a leachate detection system, if pumpable quantities are measured, it shall be removed to the lowest practical level. For both leachate collection and detection systems, records shall be maintained on the amount of fluid removed each week. The volume of fluid removed from each leachate collection and detection system must be reported quarterly.

    Within 90 days from the date of issuance of this permit, the permittee shall propose, for review and approval by the administrative authority, Action Leakage Rates for waste disposal modules associated with Cells 6 and 7, in accordance with LAC 33:V.2504. Within ninety (90) days from the date of approval of the Action Leakage Rates for modules in Cell 6 and 7 by the administrative authority, the permittee shall submit, for review and approval by the administrative authority, a Response Action Plan (RAP) for Cells 6 and 7, prepared in accordance with Federal Register, Vol 57, No. 19, dated January 29, 1992 (or subsequent revisions) and with LAC 33:V.2508. The RAP will describe the criteria used to evaluate the systems and the responses required to address liquids in the leachate detection collection, and removal systems (LDCRS) for cells constructed at the site that meet minimum technology requirement having compacted clay and synthetic membrane liner systems. The RAP will also address potential sources of liquids. Responses to the detection of fluid in these systems, may include no

action, modifying operating procedures, repairing the liner system if possible, and when appropriate, notification to the administrative authority. (See Schedule of Compliance, Section II.E.21.b.)

No later than 180 days before planned waste disposal in disposal modules associated with Cell 8, the permittee must propose, for review and approval by the administrative authority, Action Leakage Rates for disposal modules associated with Cell 8, in accordance with LAC 33:V.2504. Within ninety (90) days from the date of approval of the Action Leakage Rates by the administrative authority, the permittee shall submit, for review and approval by the administrative authority, a Response Action Plan (RAP) for Cell 8, prepared in accordance with Federal Register Vo. 57, No. 19, dated January 29, 1992 (or subsequent revisions) and with LAC 33:V.2504. The RAP will describe the criteria used to evaluate the systems and the responses required to address liquids in the leachate detection collection, and removal systems (LDCRS) for cells constructed at the site that meet minimum technology requirement having compacted clay and synthetic membrane liner systems. The RAP will also address potential sources of liquids. Responses to the detection of fluid in these systems may include no action, modifying operating procedures, repairing the liner system if possible, and when appropriate, notification to the administrative authority. (See Schedule of Compliance, Section II.E.21.c.)

C. LANDFILL DESIGN AND CONSTRUCTION REQUIREMENTS

The permittee shall comply with the following minimum requirements for the design and construction of the hazardous waste landfill as specified in LAC 33:V.517 and LAC 33:V.Chapter 25, and the referenced drawings (or subsequently approved design drawings).

1. The active hazardous waste landfill shall consist of three (3) disposal cells. These cells are designated as: Cell No. 6, No. 7, and Cell 8. Each cell is subdivided into subunits designated as modules. All excavation depth, side slopes, final height (cell conformation) and other construction specifications shall conform to the approved design drawings.

2. Each module of the landfill shall have a composite liner system designed, constructed and maintained to prevent the discharge of any wastes or waste constituents from the landfill into the area ground water environment. Landfill module excavation depths and contours shall conform to those displayed and detailed on the approved design drawings. The composite liner system shall consist of the following minimum requirements:

   a) Pressure Relief System

      Each excavated module shall be provided a pressure relief system placed upon the in-situ soils. This system shall cover the bottom and all side slopes of the module. The system on the slope shall

consist of a high density polyethylene (HDPE) drainage net placed between the filter fabrics. The filter fabrics or geotextiles shall have the appropriate physical properties to prevent their clogging by the underlying and overlying clayey soils. The riser pipe for the pressure relief sump, shall be constructed parallel to the side slope of the module and exit the module in such a manner as not to penetrate any of the lining system within the planned limits of waste disposal. The pressure relief system sump shall be overlain with clean (free of clay clods and deleterious materials, silicious gravel and the bottom of the module shall have the pressure relief system overlain by clean silicious sand. Details of the typical pressure relief system are displayed on the approved design drawings.

b) Secondary Liner System

The secondary lining system shall consist of a three (3) foot recompacted clay liner overlain by a sixty (60) mil HDPE geomembrane. This system is to cover the entire bottom and all side slopes of the module. The recompacted clay liner shall have a laboratory, hydraulic conductivity of 1×10^{-7} cm/sec or less. The synthetic, sixty (60) mil, HDPE liner shall be anchored in such a manner as to prevent movement of or pull out of the system due to daily waste placement operations and settlement forces generated from subsequent consolidation of subsurface soils. Details of the secondary liner system are displayed on the approved design drawings.

c) Leak Detection System

The secondary liner system shall be overlain by a leak detection system. This system shall consist of a HDPE drainage net placed upon the secondary sixty (60) mil, HDPE liner and covered with an appropriate geotextile or filter fabric so as to prevent clogging of the drainage net by the overlying clay soils. The drainage net shall have a transmissivity equal to or greater than one (1) foot of gravel having a conductivity of permeability of 1×10^{-2} cm/sec or greater. This system shall cover the entire bottom and all side slopes of the module. The drainage net and associated filter fabric shall be anchored outside of the module in such a manner as to prevent movement or pullout of the system due to operations or subsurface settlement forces. The riser pipe from the associated leak detection sump shall rise upward and parallel to the side slope of the module and exit the module in such a manner as not to penetrate any of the lining system within the planned limits of waste disposal.

d) Primary Lining System

The primary lining system shall overlie the leak detection system and consist of a three (3) foot layer of recompacted clay liner overlain by a sixty (60) mil, H.D.P.E., synthetic liner. The recompacted clay liner shall have a hydraulic conductivity of 1×10^{-7} cm/sec or less and extend across the entire bottom of the module. The sixty (60) mil, HDPE liner shall cover the primary recompacted clay liner and extend up all the side walls of the module. The synthetic liner shall be anchored outside of the module in such a manner as to prevent movement or pullout of the liner due to daily operations or subsurface settlement forces. The slope of the primary system on the floor of the landfill shall be at least 2%.

e) Leachate Collection System

The leachate collection system shall overlie the primary lining system and consist of one (1) foot of clean (free of clods and deleterious materials), silicious gravel covering the bottom of the module. The underlying HDPE primary liner shall be protected by a geotextile. The gravel shall have an equivalent permeability of 1×10^{-2} cm/sec or greater. The gravel shall be covered with an appropriate filter fabric to prevent clogging of the gravel. A HDPE drainage net shall cover all the side slopes of the module and extend into the bottom gravel layer. The drainage net shall have the same covering filter fabric as used for the gravel layer. The riser pipe from the leachate collection sump shall rise upward parallel to the side slope of the module and exit the module in such a manner as not to penetrate any of the module lining system. The side slope drainage net and geotextile shall be anchored in such a manner as to prevent movement or pullout of the fabric and net due to daily operations and subsurface settlement forces. Details of the leak detection, primary lining and leachate collection systems are displayed on the approved design drawings.

3. Closure/Post-Closure

Closure/Post-Closure of the landfills shall be in accordance with Sections III O.1 and 2 of this permit and the Facility Closure/Post-Closure Plan, Attachment 5.

The final closure height for Landfill No. 6 shall not exceed +83.0 National Geodetic Vertical Datum (NGVD), +73.6 NGVD for Landfill No. 7, and +92.1 for Landfill No. 8.

4. Materials Specifications Quality Assurance and Quality Control

The materials and the quality assurance/quality control procedures to be used in the construction of the hazardous waste landfill are as stated in the "Guidance Documents for Quality Assurance for the Installation of Lining Systems", Attachment 10.

5. Certification

Written certification will be required as specified under Section VIII.A.1 of this permit in accordance with LAC 33:V.1504.D.

IX. MISCELLANEOUS UNITS - PERMITTED CONDITIONS

000087

A. AQUEOUS WASTE TREATMENT UNIT

1. Operation

The permittee must use appropriate controls and practices to prevent spills and overflows from the vessels and containment system. The following requirements shall be implemented in order to ensure conformance with the Environmental Performance Standards of LAC 33:V.3203.

At a minimum, overfill prevent controls will include: level serving devices, high level alarm, automatic feed cutoff or bypass to a standby tank.

2. Inspection

The permittee must inspect the aqueous waste treatment unit according to the inspection schedules specified in Attachment 8, pursuant to LAC 33:V.3205.

3. Closure

At closure, the permittee must remove or decontaminate all waste residues from the system, as outlined in the Facility Closure/Post-Closure Plan (Attachment 5).

B. CONTAINER DECANT/FILLING/PROCESSING UNITS

1. Operation

The permittee must use appropriate controls and practices to prevent spills and overflows from the vessels and containment systems. The following requirements shall be implemented in order to ensure conformance with the Environmental Performance Standards of LAC 33:V.3203.

At a minimum, overfill prevent controls for hazardous waste will include, where applicable: level serving devices, high level alarm, automatic feed cutoff or bypass to a standby truck.

2. Inspection

The permittee must inspect the container decant/filling/processing units according to the inspection schedules specified in Attachment 8, pursuant to LAC 33:V.3205.

3. Closure

At closure, the permittee must remove or decontaminate all waste residues from the system, as outlined in the Facility Closure/Post-Closure Plan (Attachment 5).

X. GROUNDWATER PROTECTION

A. APPLICABILITY

The regulations of LAC Title 33, Part V Chapters 5, 15, 33, 35, Louisiana's Water Control Law, R.S., 30:2076 of the Environmental Quality Act, R.S. 30:2001 et seq., and the provisions of Section X shall apply to groundwater protection programs at Chemical Waste Management, Incorporated, located in Carlyss, Louisiana. All requirements and conditions of Section X must be satisfied and shall apply during the life of the facilities, including compliance, closure, and post-closure care periods. The regulated units are identified as:

1. Landfill, Cell 5 - clay lined landfill.

2. Landfill, Cell 14 - double composite liner system (2 clay liners and 2 synthetic liners) landfill with three (3) modules.

3. Landfill, Cell 6 - double composite liner system (2 clay liners and 2 synthetic liners) landfill with six (6) modules.

4. Landfill, Cell 7 - double composite liner system (2 clay liners and 2 synthetic liners) landfill under construction.

5. Landfill, Cell 8 - double composite liner system (2 clay and 2 synthetic liners) landfill for future construction.

B. REQUIRED PROGRAMS

The permittee must initiate detection monitoring from the existing well systems established during interim status for Cells 5, 14, and 6 and must commence construction and operation of the detection monitoring systems for Cells 7 and 8 (prior to initial receipt of waste in Cells 7 and 8), as outlined in Permit Section X.H., herein, and as located on Figure 4 and Figure 4A of this permit. If required, Compliance Monitoring (Permit Section X.I) and/or Corrective Action (Permit Section X.J) programs will be initiated in accordance with this permit. All wells, shown on Fig. 4 must be monitored, and all piezometers shown on Fig. 4 must be measured for water level unless exempted from the program at a later date by the administrative authority.

Required monitor wells associated with Cell 8 (See Figure 4A) will likewise be subject to detection monitoring, compliance monitoring and/or correction action, if required. Based upon the installation, timing and sequence presented in Section X.C and Figure 4A, monitor wells associated with Cell 8 will be monitored unless exempted from the program at a later date by the administrative authority.

In accordance with LAC 33:V.3305.D, leachate monitoring systems shall be established (for new landfill modules) and maintained (for existing landfill

modules) as described in Section VIII.B.10, and VIII.C.2.(c) and (e) of this permit, regarding riser pipe location and construction, and pumping systems. In accordance with LAC 33:V.3305.E, air monitoring is described in Section II.E.21.(c) of this permit.

C. GROUNDWATER PROGRAM

1. For existing wells, the permittee must utilize and maintain the present groundwater monitoring system illustrated by Figure 4 and listed in Table 1, Section X of this permit. Facility monitoring wells designated F30, F31, F32, F33, MW01AS, MW01AD, B04A, MW02BS, and MW02BD are designated upgradient wells for all regulated units as listed in X.A. Monitoring wells F01, F02, F03, F04, F05, F06, F07, F08, F09, F10, F11 and D01B are designated downgradient of Cell 5 and shall serve as the point of compliance for Cell No. 5. Monitoring wells F26, F27, F28, F29, F38, F39, F40, and D02A are designated downgradient of Cell No. 14 and shall serve as the point of compliance for Cell No. 14. Monitoring wells F12, F13, F14, F15, F16, F34, F35, F36, F37, F41, F42, F43, F44 and F45 are designated downgradient of Cell No. 6 and shall serve as the point of compliance for Cell No. 6. Monitoring wells F17, F18, F19, F20, F21, F22, F23, F24, F25 and E03 are designated downgradient of proposed cell No. 7 when it is constructed. Wells MW03A, MW14A, C01A, C02B, MW05A, MW11A, MW06, MW12B, MW07 and MW13A must be maintained as piezometers to monitor water levels inside and outside the slurry trench.

   For required monitor wells associated with Cell 8, the six northernmost wells shown on Figure 4A will be designated as upgradient (background) wells for Cell 8 and, the remaining wells will be designated downgradient of Cell 8 and serve as the point of compliance for Cell 8, As shown in Figure 4A, planned monitor wells associated with Cell 8 will be installed in stages. Upgradient wells and the six northernmost downgradient wells will be installed prior to waste placement in Module 1. Upgradient wells will be installed sufficiently in advance so that background concentrations of indicator parameters (see Table 3A, Section X of this permit) and of other constituents (see Table 3B, Section X of this permit) can be established. Subsequent downgradient monitor wells will be installed prior to waste receipt in adjacent modules. Prior to construction of the groundwater monitoring system associated with Cell 8, the permittee must submit a workplan for installation of the monitoring wells to the administrative authority for review and approval. This groundwater monitoring system must include provisions for monitoring the uppermost aquifer (60-foot Sand) and the Channel Sand underlying the Cell 8 development area. Procedures for monitoring well construction, as well as for borehole abandonment, must conform to the standards and guidelines specified in **"Construction of Geotechnical Boreholes and Groundwater Monitoring Systems" prepared by the Louisiana Department of Environmental Quality and the Louisiana**

Department of Transportation and Development, dated May 1993 (or subsequent revisions). The entire groundwater monitoring system must be approved by the administrative authority, pursuant to LAC 33:V.3305.B.

All monitoring wells must be maintained so that surface infiltration is minimized and representative groundwater samples are obtained. Piezometers must also be maintained so that surface infiltration is minimized and representative groundwater levels can be obtained.

2. The permittee must adhere to the sampling and analysis plan outlined below:

   a) All monitoring wells listed in Table 1, Section X of this permit and shown on Figures 4 and 4A must be sampled in accordance with the schedule shown in Permit Section X.H.1. and as required under Section X.C.2.e. and the test results submitted to the administrative authority within fifteen (15) days from completion of all analyses and analytical review by the permittee. In accordance with LAC 33:V.3315.G.2, an alternate sampling procedure will be used. Single samples will be obtained for analysis of chemical constituents; only field determinations of pH and specific conductance will be made in quadruplicate.

   b) All wells and piezometers must be measured for total depth at least once per year. Wells with in-place pumps which prohibit direct total depth measurement must be measured for total depth biennially (every other year). To accomplish these measurements, it shall be acceptable to use a permanently installed weighted stainless steel cable marked at the bottom depth when first installed. Acceptable subsequent measurements can then be referenced to the original cable mark. Depth to water must be measured on the same day and prior to purging. All measurements (total depth and depth to water) must be to the nearest .01 foot, and the values must be recorded in the field notebook (see Section X.C.3.h) and reproduced and submitted in the Groundwater Annual Report in accordance with LAC 33:V.1529.D. If 10% of the screened interval is blocked by sediments, the well must be redeveloped prior to the next required sampling event.

   c) In preparation for a sampling event each monitoring well shown in Table 1, Section X of this permit and Figures 4 and 4A must be purged by evacuation to dryness or by removing a minimum of three (3) casing volumes. The well must be sampled within 24 hours of purging and/or when sufficient water for sampling has recharged the well. Quadruplicate field measurements of

specific conductance and pH will be made each time a well is sampled.

d) Samples must be withdrawn using dedicated or adequately cleaned equipment for each well. No equipment or method may be used that will chemically alter or influence the sample. Care must be taken to avoid placing clean sampling equipment on the ground or on any contaminated surface.

TABLE 1, SECTION X CHEMICAL WASTE MANAGEMENT INC MONITORING WELL SYSTEM
Upgradient Monitoring Wells (Cells 14, 5, 6, and 7) F30, F31, F32, F33, MW01AS, MW01AD, B04A, MW02BS, MW02BD Upgradient Monitoring Wells (Cell 8) (See Figure 4A and discussion in Section X.C.1.)
Downgradient Monitoring Wells for Cell 5 F01, F02, F03, F04, F05, F06, F07, F08, F09, F10, F11, D01B
Downgradient Monitoring Wells for Cell 14 F26, F27, F28, F29, F38, F39, F40, D02A
Downgradient Monitoring Wells for Cell 6 F12, F13, F14, F15, F16, F34, F35, F36, F37, F41, F42, F43, F44, F45
Downgradient Monitoring Wells for Cell 7 F17, F18, F19, F20, F21, F22, F23, F24, F25, E03
Downgradient Monitoring Wells for Cell 8 (See Figure 4A and discussion in Section X.C.1.)
Piezometers MW03A, MW14A, C01A, C02B, MW05A, MW11A, MW06, MW12B, MW07, MW13A (Additional piezometers will be required for the Cell 8 area.)

e) Sample preservation, handling, containerization, and analyses must meet the specifications of the LAC and Test Methods for Evaluating Solid Waste Physical/Chemical Methods most recent edition (EPA SW-846, 1986, as revised), or an equivalent method. Parameters, containers, and preservation and are listed below in Table 2, Section X of this permit and the specific compounds with Practical Quantitation Limits are listed in Table 3, Section X of this permit.

TABLE 2, SECTION X		
PARAMETER	**CONTAINER TYPE**	**PRESERVATION METHOD**
Volatile Organic Compounds	Glass Zero headspace	Cool to 4°C
Semi-Volatile Organic Compounds	Glass, minimal headspace	Cool to 4°C
Dissolved Metals	Plastic	HNO_3 to pH <2.0
Conventional Parameters	Glass or Plastic	Cool to 4°C

f) All samples shall be cooled to 4°C. All volatiles shall be containerized with zero headspace. Samples for metals shall be field filtered through a 0.45 micron filter then acidified with HNO_3 to pH of less than 2.0

g) A chain of custody protocol must be employed that will allow for the tracing of possession and handling of samples from the time of collection through laboratory analysis. All sample containers must be labeled to prevent mis-identification, have proper seals, and indicate the test parameters required. If individual sample containers are not sealed, they must be placed into a secure shipping or storage chest and sealed to maintain chain-of-custody.

h) An up-to-date field log book must be kept at the site which documents for each sample the well identification number, total well depth, water level, water color (visual), well evacuation procedures and equipment, sample withdrawal procedures and equipment, date, time, sample identification numbers, field measurements (pH, specific conductance, etc) and methods, name of collector, field observations, calculations of the standing water volume in the well, and the total volume evacuated.

D. ANALYTICAL PARAMETERS AND ANALYTICAL FREQUENCY FOR GROUNDWATER MONITORING

The monitoring wells and parameters to which the groundwater protection standards of LAC 33:V.3305 apply are shown on Figures 4 and 4A and listed in Tables 1, 2, 3A, and 3B, Section X of this permit. Sampling frequency for the parameters in Table 3A, Section X of this permit shall be semi-annually; Sampling frequency for the parameters in Table 3B, Section X of this permit shall be annually.

In the event that compliance monitoring and/or corrective action is required pursuant to this Section, the permittee shall institute corrective actions in all areas where groundwater has been affected by releases from a regulated unit of hazardous wastes or constituents exceeding the assigned concentration limits and implement corrective measures in other areas impacted by the regulated units which may be discovered to exceed these limits in the future.

The permittee shall also notify the administrative authority in accordance with the schedule specified in Conditions X.I and X.J, as applicable, when any of the above parameters are detected and confirmed in concentrations exceeding the designated limits at the points of compliance.

E. POINT OF COMPLIANCE

The points of compliance at which the groundwater protection standard of LAC 33:V.3305.A apply at which monitoring must be conducted are the vertical intervals intercepted by the monitor well screens identified by well numbers as listed in Section X.C.2. and as in Table 1, Section X of this permit and Figures 4 and 4A of this permit.

F. COMPLIANCE PERIOD

The compliance period during which the groundwater protection standard of LAC 33:V.3305.A applies is the life of each regulated unit, and thirty (30) years post-closure monitoring or as required by the administrative authority if a unit is not clean closed. The compliance period begins when a compliance monitoring program meeting the requirements of Section X.I of this permit is initiated.

If a unit is clean closed then the compliance period is the active life of the unit and post-closure monitoring as specified in the closure plan or as required by the administrative authority.

In the event of a release from a regulated unit, the compliance period is the active life of the unit, the duration of the corrective action to remediate the release, and three (3) additional years after an acceptable clean up level has been reached. If termination of the corrective action and/or post corrective action monitoring occurs within the thirty (30) years post-closure monitoring period, then the permittee must revert back to post-closure monitoring as described in paragraph 1 of this section or to a monitoring schedule as specified by the administrative authority.

G. GENERAL REQUIREMENTS

1. The permittee's groundwater monitoring system for the hazardous waste management facilities identified in Section X.A. shall consist of all wells located on Figures 4 and 4A, unless exempted in the future by the administrative authority. In addition, water levels will be measured

in piezometers shown on Figure 4, and as subsequently required in piezometers associated with Cell 8, in accordance with X.C.3.b.

2. Upgradient wells F30, F31, F32, F33, MW01AS, MW01AD, B04A, MW02BS, and MW02BD must always yield groundwater samples that are representative of groundwater that has not been affected by possible leakage from the waste management units. Downgradient wells F01, F02, F03, F04, F05, F06, F07, F08, F09, F10, F11, F12, F13, F14, F15, F16, F17, F18, F19, F20, F21, F22, F23, F24, F25, F26, F27, F28, F29, F34, F35, F36, F37, F38, F39, F40, F41, F42, F43, F44, F45, D01B, D02A, and E03 must yield groundwater samples that represent the quality of groundwater beneath the facilities that reach the points of compliance. Piezometers shown in Figure 4, and as subsequently required for Cell 8, must yield groundwater level data that is representative of the formation in which they are screened.

   Upgradient monitor wells associated with Cell 8 as shown on Figure 4A must always yield groundwater samples that are representative of groundwater that has not been affected by possible leakage from the waste management on it. Downgradient monitor wells associated with Cell 8 must yield groundwater samples that represent the quality of groundwater beneath Cell 8 that reach the point of compliance.

3. The permittee must maintain the structural and mechanical integrity of all wells and piezometers shown in Figures 4 and 4A, and provide protection from accidental damage and surface infiltration, and implement an inspection schedule for monitor wells, and piezometers. The permittee will report to the administrative authority a description of any repairs or changes to any monitor wells or piezometers.

4. The permittee must conform to the sampling and analysis requirements of Section X.C.2 of this Permit and of LAC 33:V.3305.

5. The permittee must use the statistical procedure outlined in Section X.H of this permit and is in accordance with LAC 33:V.3315.H.3 and I.4.

6. The permittee must also graphically represent (concentration versus time) the values of pH and specific conductance for each sampling point after each sampling episode. The graphic interpretations of data must be submitted with the analytical results in the annual report.

7. Records of all sampling and analytical work must be maintained at the site during the life of the facilities and post-closure care periods.

8. An annual groundwater report must be submitted each year no later than March 1, as required by LAC 33:V.1529.D. This report shall summarize all groundwater activities for the preceding calendar year including an evaluation of the monitoring strategy in relation to the

direction of groundwater flow and locations of wells associated with regulated facilities. Applicable calculations must also include groundwater flow rates, statistical comparisons, and other information as required by this permit.

H. DETECTION MONITORING PROGRAM

1. All monitoring wells shown in Figures 4 and 4A, and listed in Table 1, Section X of this permit must be sampled according to the following schedule listed below:

INDICATOR PARAMETER (see Table 3A, Section X)	**FREQUENCY**
Volatile Organic Compounds	semi-annually
Arsenic (dissolved)	semi-annually
Chromium (dissolved)	semi-annually
Cadmium (dissolved)	semi-annually
Lead (dissolved)	semi-annually
Selenium (dissolved)	semi-annually
OTHER HAZARDOUS CONSTITUENTS OF CONCERN (See Table 3B, Section X)	annually

2. For Detection Monitoring at existing monitoring wells shown on Figure 4, the permittee must utilize the groundwater detection monitoring system described in Section X.G and Figure 4 to obtain samples that provide a reliable indication of the statistically significant presence of indicator parameters in groundwater, utilizing statistically derived practical quantitation limits (PQLs) as set forth in Table 3A, Section X of this permit. As part of the statistical evaluation, verification resampling at wells that yield an initial test result greater than the PQL (or Shewart-CUSUM control chart limit for monitor wells F13, F14, and F15) shall be done as soon as practical after reporting of this initial result. A statistically significant presence or change of an indicator parameter will only be declared if the verification resample also yields a result greater than the PQL or the Shewart-CUSUM control chart limit shown on Table 3A.

For Detection Monitoring at required monitor wells associated with Cell 8, the permittee must utilize the groundwater detection monitoring system described in Section X.G and Figure 4A to obtain samples that provide a reliable indication of the statistically significant presence of indicator parameters in groundwater utilizing statistically derived PQL's

Shewart-CUSUM control chart limits, prediction limits, or tolerance intervals, based upon the distribution of background concentrations. As part of the statistical evaluation, verification resampling at wells that yield an initial result greater than the chosen statistical limit shall be done as soon as practical after reporting this initial result. A statistically significant presence or change of an indicator parameter will only be declared if the verification resample also yields a result greater than the chosen statistical limit.

3. The system as described in permit Section X.C.1 shall be sampled in accordance with the schedule in Section X.H.1. Background values for indicator parameters for the existing monitor well network have already been established. Except for arsenic at three monitor wells, indicator parameters have not been detected in the background. Therefore, the PQLs shown in Table 3A, Section X of this permit have been computed using statistical procedures in accordance with LAC 33:V.3315.H. For the natural occurrence of arsenic at wells F13, F14 and F15, Shewart-CUSUM control chart limits have been computed. Background values and PQLs for indicator parameters and other hazardous constituents of concern will be updated with additional data as it becomes available to provide for temporal variation. Parameters selected for analysis under the Detection Monitoring Program are presented in Table 3A, Section X of this permit. Parameters selected for analysis of other hazardous constituents of concern are presented in Table 3B, Section X of this permit with associated PQLs.

   Within fifteen (15) days after completing the analytical work, computations, and analytical review by the permittee, the permittee shall submit a report to the administrative authority containing the test results, the statistical comparative data, and groundwater potentiometric maps for the sampling event. Copies of the field log book notes and chain of custody, and a list of the parameters that were statistically significant above background concentrations must also be forwarded for review by the administrative authority.

4. The sampling and analysis program outlined in Permit Section X.C.2. must be utilized for groundwater sampling.

5. If an initial laboratory result for any compound in Table 3B, Section X of this permit is above its PQL listed in Table 3B, Section X of this permit, the permittee shall resample the water at the well in question for that compound, as soon as practical. If the verification resample again yields a result higher than the PQL, within 60 days of such a determination, the permittee will formulate and submit to the LDEQ a written plan for additional investigation and/or corrective action. This plan could include installation of additional wells and/or additional chemical testing.

Furthermore, in the event that the same compound(s) are detected and confirmed in the same monitoring well(s) at a level above the PQL listed in Table 3B, Section X of this permit during the next regularly scheduled annual sampling event for these compounds, the permittee must submit an application for a permit modification to add the compound(s) detected and confirmed at a level above the specified PQL to Table 3A, Section X of this permit. Additionally, the application for permit modification must include provisions for implementing a compliance monitoring and/or a corrective action program, pursuant to Sections X.I and Section X.J of this Permit and LAC 33:V.3319 & 3321, to address the presence of the compound in the groundwater or provisions for setting a proposed alternate concentration limit (ACL), pursuant to LAC 33:V.3309.

If the permittee determines that there are statistically significant changes in indicator parameters specified in X.H.1 at any monitoring well shown in Figures 4 and 4A of this permit, the permittee must notify the administrative authority of this finding in writing within seven (7) days indicating which parameters exhibit statistically significant change. The permittee must also immediately (as much as practical) sample the groundwater in all monitor wells associated with the regulated unit at which the statistically significant change was detected, as shown on Figures 4 and 4A and listed in Table 1, Section X of this permit and determine whether constituents listed in LAC 33:V.3325.Table 4 are statistically present, and if so, in what concentrations.

For any LAC 33:V.3325.Table 4 compounds statistically present, using the Practical Quantitation Limits listed under LAC 33:V.3325.Table 4 (40 CFR 264, Appendix IX) in the analysis, the owner or operator may resample within one month and repeat the analysis for those compounds statistically present. If the results of the second analysis confirm the initial results, then these constituents will form the basis for compliance monitoring. If the owner or operator does not resample for the compounds found, the hazardous constituents found during this initial LAC 33:V.3325.Table 4 analysis will form the basis for compliance monitoring.

If the results of resampling do not confirm that an impact on groundwater had occurred, a report on this conclusion shall be submitted to the administrative authority and detection monitoring will continue for the next scheduled sampling event.

If the results of resampling confirm the statistical presence of LAC 33:V.3325.Table 4 compounds from the initial sampling, the permittee must also, within 90 days, submit to the administrative authority an application for a permit modification to establish a compliance monitoring program meeting the requirements of LAC 33:V.3319. The application must include the following information:

a) an identification of the concentration of any LAC 33:V.3325.Table 4 constituent statistically detected in the groundwater at each monitoring well at the compliance point;

b) any proposed changes to the groundwater monitoring system at the facility necessary to meet the requirements of LAC 33:V.3319;

c) any proposed additions or changes to the monitoring frequency, sampling and analysis procedures or methods, or statistical methods used at the facility necessary to meet the requirements of LAC 33:V.3319;

d) for each hazardous constituent statistically present, after verification resampling at monitor wells listed in Table 1, Section X of this permit or shown on Figures 4 or 4A of this permit, where physically present, a proposed concentration limit under LAC 33:V.3309.A.3.a or b, or a notice of intent to seek an alternate concentration limit under LAC 33:V.3309.B.

Within 180 days, the permittee must submit to the administrative authority:

a) all data necessary to justify an alternate concentration limit sought under LAC 33:V.3309.B; and

b) an engineering feasibility plan for a corrective action program necessary to meet the requirement of LAC 33:V.3321, unless

   i. all hazardous constituents identified under LAC 33:V.3317.G.2 are listed in Table 1 of LAC 33:V.3309, and their concentrations do not exceed the respective values given in that table; or

   ii. the permittee has sought an alternate concentration limit under LAC 33:V.3309.B for every hazardous constituent identified under LAC 33:V.3317.G.2.

If the permittee determines, pursuant to LAC 33:V.3317.F, that there is a statistically significant difference (above the listed PQL or Shewart-CUSUM control chart limit after verification resampling for the existing monitor well network; above the chosen statistical limit after verification resampling for wells associated with Cell 8) for chemical parameters or hazardous constituents specified pursuant to LAC 33:V.3317.A at any monitoring well listed in Table 1, Section X of this permit or shown on Figures 4 and 4A of this permit, where physically present, he or she may demonstrate that a source other than a regulated unit caused the statistical presence or that the statistical presence is an artifact caused

by an error in sampling, analysis, or statistical evaluation or natural variation in the groundwater. The permittee may make a demonstration under this Paragraph in addition to, or in lieu of, submitting a permit modification application under LAC 33:V.3317.G.4; however, the permittee is not relieved of the requirement to submit a permit modification application within the time specified in LAC 33:V.3317.G.4 unless the demonstration made under this Paragraph successfully shows that a source other than a regulated unit caused the increase, or that the increase resulted from error in sampling, analysis, or evaluation. In making a demonstration under this Paragraph, the permittee must;

a) notify the administrative authority in writing within seven days of determining statistically significant evidence of contamination at the well(s) shown on Table 1, Section X of this permit that he or she intends to make a demonstration under this Paragraph;

b) within 90 days, submit a report to the administrative authority that demonstrates that source other than a regulated unit caused the contamination or that the contamination resulted from error in sampling, analysis, or evaluation;

c) within 90 days, submit to the administrative authority for a permit modification to make any appropriate changes to the detection monitoring program facility; and

d) continue to monitor in accordance with the detection monitoring program established under this Section.

I. COMPLIANCE MONITORING PROGRAM

If the permittee is required to establish a compliance monitoring program under this section and LAC 33:V.3303 he or she must, at a minimum, follow the regulations under LAC 33:V.3319.

J. CORRECTIVE ACTION PROGRAM

If the permittee is required to establish a corrective action program under this section and LAC 33:V.3303 he or she must, at a minimum, follow the regulations under LAC 33:V.3321.

K. MONITORING WELL ABANDONMENT AND SEALING OF BORE HOLES

The permittee shall provide for the sealing of any vertical migration path resulting from exploratory boring and/or groundwater monitoring programs as provided in LAC 33:V.3323, and follow abandonment procedures conforming to the standards and guidelines specified in **"Construction of Geotechnical Boreholes and Groundwater Monitoring Systems" prepared by the Louisiana Department of Environmental Quality and the Louisiana Department of**

Transportation and Development, dated May 1993 or subsequent revisions. A workplan for the plugging and abandonment of a well must be submitted for approval by the administrative authority, whenever such migration pathways are discovered. Upon completion of well abandonment a copy of DOTD-GW-2, Louisiana Department of Transportation and Development Well Plugging and Abandonment Form must be submitted to the administrative authority.

CHEMICAL WASTE MANAGEMENT, INC.
MONITORING WELL INDICATOR PARAMETERS, PRACTICAL QUANTITATION LIMITS, AND METHOD DETECTION LIMITS

VOLATILES	Practical Quantitation Limit, *(ppb)	MDL (ppb)
Chloromethane	23.7	10
Bromomethane	29.9	10
Vinyl Chloride	8.8	10
Chloroethane	9.9	10
1,1-Dichloroethene	9.1	5
1,1-Dichloroethane	7.8	5
trans-1,2-Dichloroethene	7.0	5
Chloroform	9.7	5
1,2-Dichloroethane	10.7	5
1,1,1-Trichloroethane	5.8	5
Carbon Tetrachloride	6.5	5
Bromodichloromethane	7.5	5
1,1,2,2-Tetrachloroethane	9.5	5
1,2-Dichloropropane	6.8	5
trans-1,3-Dichloropropene	6.6	5
Trichloroethene	9.0	5
Dibromochloromethane	6.7	5
1,1,2-Trichloroethane	8.2	5
Benzene	6.5	5
cis-1,3-Dichloropropene	6.4	5
Bromoform	7.7	5
Tetrachloroethene	17.6	5
Toluene	7.3	5
Clorobenzene	8.0	5
Ethyl Benzene	9.5	5
Trichlorofluoromethane	31.5	10
Methylene Chloride	8.0	5
DISSOLVED METALS**		
Arsenic	10.0***	10
Chromium	70.0	10
Cadmium	40.0	5
Lead	10.0	5
Selenium	20.0	5

* Based upon "Practical Quantitation Limits and Method Detection Limits for Volatile Organic Compounds at the WMI Environmental Monitoring Laboratory," Robert D. Gibbons, July 14, 1992.

** Practical Quantitation Limits for metals taken from 40CFR264, App.IX unless otherwise indicated.

*** Practical Quantitation Limit of 10.0 ppb for monitor wells other than F13, F14 and F15. Limits for these wells follow:

F13: Shewart-CUSUM Control Chart Limit = 14.2 ppb
F14: Shewart-CUSUM Control Chart Limit = 39.7 ppb
F15: Shewart-CUSUM Control Chart Limit = 20.5 ppb

TABLE 3B, SECTION X

OTHER HAZARDOUS CONSTITUENTS OF CONCERN

	PQL* (ppb)
Phenol	10
bis(2-Chloroethyl)ether	10
2-Chlorophenol	10
1,3-Dichlorobenzene	10
1,4-Dichlorobenzene	10
Benzyl Alcohol	20
1,2-Dichlorobenzene	10
2-Methylphenol	10
bis(2-Chloroisopropyl)ether	10
4-Methylphenol	10
N-Nitroso-Dipropylamine	10
Hexachloroethane	10
Nitrobenzene	10
Isophorone	10
2-Nitrophenol	10
2,4-Dimethylphenol	10
Benzoic Acid	50
bis(2-Chloroethoxy)methane	10
2,4-Dichlorophenol	10
1,2,4-Trichlorobenzene	10
Naphthalene	10
4-Chloroaniline	20
Hexachlorobutadiene	10
4-Chloro-3-methylphenol (para-chloro-meta-cresol)	10
2-Methylnaphthalene	10
Hexachlorocyclopentadiene	10
2,4,6-Trichlorophenol	10
2,4,5-Trichlorophenol	10
2-Chloronaphthalene	10
2-Nitroaniline	50
Dimethyl Phthalate	10
Acenaphthylene	10
3-Nitroaniline	50
Acenaphthene	10
2,4-Dinitrophenol	50
4-Nitrophenol	50
2,4-Dinitrotoluene	10
2,6-Dinitrotoluene	10
4-Chlorophenyl Phenyl Ether	10
Fluorene	10
4-Nitroaniline	50
4,6-Dinitro-2-methylphenol	50
N-nitrosodiphenylamine	10
4-Bromophenyl Phenyl Ether	10
Hexachlorobenzene	10
Pentachlorophenol	50
Phenanthrene	10

	PQL* (ppb)
Anthracene	10
Fluoranthene	10
Pyrene	10
3-3'-Dichlorobenzidine	20
Benzo(a)anthracene	10
Chrysene	10
Benzo(b)fluoranthene	10
Benzo(k)fluoranthene	10
Benzo(a)pyrene	10
Indeno(1,2,3-cd)pyrene	10
Dibenz(a,h)anthracene	10
Benzo(g,h,i)perylene	10
Cyanide (total)	40
Mercury (dissolved)	2

* From 40CFR264, App. IX

XI. CONTAINMENT BUILDING - PERMITTED CONDITIONS

CONTAINMENT BUILDING 301

A. Design and Operation

The permittee must design and operate Containment Building 301 in accordance with the requirements of 40 CFR, Part 264.1101 and as approved by the USEPA-Region 6 (See Schedule of Compliance, Section II.E.21.f.) New units shall not be placed in hazardous waste service until the permittee has complied with LAC 33:V.303.I

B. Inspection

The permittee must inspect Containment Building 301 according to the inspection schedules specified in Attachment 8, pursuant to 40 CFR 264.1101 and as approved by the USEPA-Region 6. (See Schedule of Compliance, Section II.E.21.f.)

C. Closure

At closure, the permittee must remove or decontaminate all waste residues from the system as outlined in the Facility Closure/Post-Closure Plan (Attachment 5), pursuant to 40 CFR 264.1102 and as approved by the USEPA-Region 6. (See Schedule of Compliance, Section II.E.21.f.)